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AUTO start

Autoelektrika za profesionalce.

www.autostart.co.rs

MARCO TOOLS
SPIN

MARCO TOOLS
SPIN



catalogo generale
general catalogue
catalogue general
general katalog
catalogo general

2014

Attrezzature per gommisti e officine meccaniche
 Equipment for tire dealers and mechanic workshops
 Matériel pour monteurs de pneus et garages
 Werkstattausrüstung für Reifenhändler und Mechaniker
 Equipamiento para mecánicos y distribuidores de neumáticos



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Attrezzature per carrozzerie
 Equipment for body shops
 Matériel pour carrossiers
 Karosserieausrüstung
 Equipamiento para chapistas



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Utensileria per autofficine
 Tools for mechanic workshops
 Outils pour garages
 Werkzeuge für die Werkstatt
 Herramientas para mecánicos



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Attrezzature per officine autoelettriche
 Equipment for electrical repairs workshops
 Matériel pour ateliers d'électricité auto
 Ausrüstung für die Elektrowerkstätten
 Equipamiento para talleres de reparaciones electro-mecánicas



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Carrelli portautensili, cricchi a carrello
 Tool trolleys, trolley jacks
 Cabinets porte-outils, crics
 Werkstattwagen und Rangierwagenheber
 Armarios de herramientas portátiles, gatos de coche



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 Notstarter
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Scale, pedane, rampe
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Escaliers, plates-formes, rampes
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Sistemi di lavaggio e pulizia, vasche a ultrasuoni
Washing and cleaning systems, ultrasonic tanks
Systèmes de lavage et nettoyage, réservoirs à ultrasons
Sistemas de lavado y limpieza, tanques de ultrasonidos
Waschanlagen, Ultraschallreinigungsanlage



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N.B.: LE FOTO SONO PURAMENTE INDICATIVE E POSSONO ESSERE CAMBIATE SENZA PREAVVISO.

N.B.: THE PICTURES HAVE MERELY EXPLANATORY PURPOSES AND CAN BE CHANGED WITH NO WARNING.

N.B.: LES IMAGES ONT UNE FONCTIONNE SIMPLEMENT EXPLICATIVE ET ELLES PEUVENT ÊTRE CHANGÉES À TOUT MOMENT.

N.B.: LAS IMAGENES TIENEN UNA FUNCIÓN SIMPLEMENTE EXPLICATIVA Y PUEDEN SER CAMBIADAS EN CUALQUIER MOMENTO.

ANMERKUNG: DIE ANGEZEIGTEN ABBILDUNGEN DIENEN NUR ZUR VERANSCHAULICHUNG UND KÖNNEN JEDERZEIT OHNE VORANKÜNDIGUNG GEÄNDERT WERDEN



CANVIK center
Cod. 03.031.28
530,00 €

SS0030/L015
Cod. 03.031.29
220,00 €



CANVIK CENTER

Lo smontamolle per sospensioni Multi Link più avanzato sul mercato

CANVIK CENTER è l'unico smontamolle universale mercato per questo tipo di sospensioni con flange angolate, appositamente progettato per migliorare la sicurezza e fornire la massima funzionalità.

CANVIK CENTER

State-of-the-art coil spring compressor for wishbone/multilink suspension

CANVIK CENTER is the only universal coil spring compressor in the market for this kind of suspension with angled, specially designed jaws improving safety and providing maximum functionality.

Barra di torsione di sicurezza

Spesso sugli smontamolle vengono utilizzati le chiavi d'aria che comportano rischi di sovraccarico. Non è possibile utilizzare una chiave pneumatica direttamente sul CANVIK CENTER. Una chiave pneumatica può essere utilizzata solo in combinazione con l'apposita barra di torsione di sicurezza.



Questa evita il sovraccarico e rende sicuro l'utilizzo delle chiavi d'aria più potenti. Allo stesso tempo la barra di torsione di sicurezza facilita il posizionamento corretto dell'utensile all'interno della molla durante l'operazione.

Unique Safety Torque Key

Often air wrenches are used on coil spring compressors which involves a risk for overload. It is not possible to use an air wrench directly on the CANVIK CENTER. An air wrench can only be used in combination with the unique safety torque key which is specially developed and never previously seen. The torque prevents overload and makes it safe to use even powerful air wrenches for the operation. At the same time the torque functions as extension unit making it easier, safer, and more convenient to position the tool correctly inside the spring during the operation.

Max Load 2250 kg



Il design del CANVIK CENTER è molto compatto, rendendo possibile l'utilizzo dello strumento su vetture con piccolo foro (fino a Ø30mm) nel braccio di controllo posteriore della molla.

Questo lo rende uno degli strumenti unici sul mercato per il lavoro su VW Touran, Citroën C3, Skoda Octavia, Peugeot 107.

The design of CANVIK CENTER is very compact, making it possible to use the tool on cars with very small hole in the rear spring control arm down to ø30mm.

This makes it one of the only tools in the market capable of handling for instance VW Touran, Citroën C3, Skoda Octavia, and Peugeot 107.



**Approvazione di sicurezza TÜV
TÜV Approved Safety**

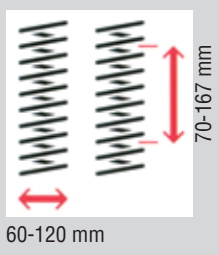
CANVIK CENTER è certificato TÜV per sostenere carichi estremamente elevati - ad un carico massimo di 2.500 kg che è sicuramente sufficiente per tutte le operazioni di smontaggio. La barra di torsione di sicurezza impedisce il sovraccarico.



CANVIK CENTER is TÜV approved to sustain extremely high loads - to a maximum load of 2500 kg which is definitely sufficient for all dismantling operations. The safety torque key prevents overload.



Dati tecnici / Technical Features



- Max load 2500 kgs
- Min distance between jaws 96 mm 70 mm
- Min distance between jaws 96 mm 167 mm
- Spring capacity with small flat jaws Ø60-120 mm

PNEUMATICI E SOSPENSIONI

**TYRES AND SUSPENSIONS - PNEUS ET RESSORTS
REIFEN UND FEDERUNGEN - NEUMÁTICOS Y SUSPENSIONES**

SS0020/2003

Cod. 03.031.01

298,00 €

SMONTAMOLLE PER SOSPENSIONI MACPHERSON

SPRING COMPRESSOR FOR MACPHERSON SUSPENSIONS

COMPRESSEUR DE RESSORTS MACPHERSON

FEDERAUSLÖSER FÜR MACPHERSON FEDERUNGEN

EXTRACTOR DE MUELLES PARA SUSPENSIONES MACPHERSON



▲ 1 pair x 1.45Kg Use range:80-115mm



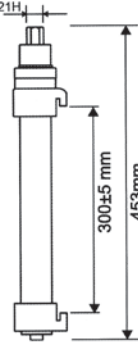
▲ 1pair x 2.2Kg Use range:110-150mm



▲ 1 pair x 2.3Kg Use range:140-195mm



▲ 5.17Kg



DATI TECNICI:

- Campo di lavoro ø molle 70-195 mm
- Carico massimo 2.000 Kg.
- Apertura minima 45 mm
- Apertura massima 290 mm

La confezione standard in valigetta in ABS contiene:

- 1 Estrattore per molle,
- 1 coppia di staffe da 70 a 120 mm (F1)
- 1 coppia di staffe da 100 a 150 mm (F2)
- 1 coppia di staffe da 140 a 195 mm. di diametro (F3)
- 1 adattatore per molle coniche

TECHNICAL FEATURES:

- Spring range ø 70-195 mm
- Maximum Loading 2.000 Kg.
- Min Opening 45 mm
- Max Opening 290 mm

The standard set in ABS case contains:

- 1 Spring extractor;
- 1 Couple of flasks from 70 to 120 mm; (F1)
- 1 Couple of flasks from 100 to 150 mm; (F2)
- 1 Couple of flasks from 140 to 195 mm; (F3)
- 1 adaptor for conic springs

DONNEES TECHNIQUES:

- Emploi: ressorts ø 70-195 mm
- Charge Max 2.000 Kg.
- Ouverture Min. 45 mm
- Ouverture Max. 290 mm

La Confection Standard En coffret ABS Contienne:

- 1 Extracteur pour ressorts;
- 1 Couple de flasques de 70 à 120 mm de diamètre (F1)
- 1 Couple de flasques de 100 à 150 mm de diamètre (F2)
- 1 Couple de flasques de 140 à 195 mm de diamètre (F3)
- 1 adaptateur pour ressorts conique

TECHNISCHE DATEN:

- Einsatzbereich Federn Ø 70-195mm
- Max. Schub 2.000kg
- Minimale Öffnung 45mm
- Maximale Öffnung 290mm

Der Standardsatz in ABS-Koffer schließt ein:

- 1 Auslöser für Federn
- 1 Paar Flanschen mit Ø von 70 bis 120mm (F1)
- 1 Paar Flanschen mit Ø von 100 bis 150mm (F2)
- 1 Paar Flanschen mit Ø von 140 bis 195mm (F3)
- 1 adapter für konische Federn

DATOS TÉCNICOS:

- Campo de aplicación muelle 70 - 195 mm.
- Carga máxima 2.000 Kg.
- Abertura mínima 45mm
- Abertura máxima 290mm

El kit estándar en maletín de ABS incluye:

- 1 extractor para muelles
- 1 Par de copelas de 70 a 120 mm de diámetro (F1)
- 1 Par de copelas de 100 a 150 mm de diámetro (F2)
- 1 Par de copelas de 140 a 195 mm de diámetro (F3)
- 1 adaptador para muelles cónicos



Kit di 2 flange Ø 240 mm per Art. SS0020/2003
Per sospensioni anteriori di fuoristrada, station wagon

Kit of 2 flanges Ø 240 mm for Art. SS0020/2003
For front-wheel suspensions of all-terrain vehicles and station wagons

Kit composé par 2 brides Ø240mm pour Art. SS0020/2003
Pour suspension avant de voitures tout-terrain et familiales

Set von 2 Flanschen Ø 240 mm für Art. SS0020/2003
Für Vorderaufhängungen von Geländewagen und Station Wagon

Kit de 2 bridas Ø 240 mm para Art. SS0020/2003
Para suspensiones delanteras de todo terreno y station wagon

Cod. 03.031.14

130,00 €

**BMW 7er (E38),
Chrysler,
Renault,
GM-X &C,
Lancia (Gamma)**



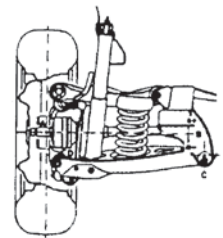
KIT SMONTA MOLLE PER MERCEDES-BENZ
(sospensioni multilink)

SPRING COMPRESSOR FOR MERCEDES-BENZ
(Multilink Suspensions)

KIT POUR LE DEMONTAGE DES SUSPENSIONS
MERCEDES-BENZ (Multilink)

FEDERNDEMONTAGE-SATZ FÜR MERCEDES-BENZ
(Multilink Federungen)

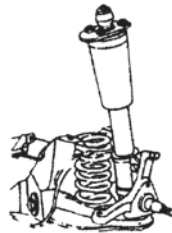
KIT DESMONTA-AMORTIGUADORES PARA
MERCEDES-BENZ (Suspensiones multilink)



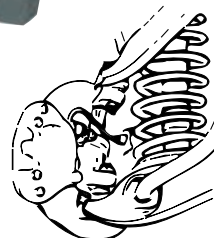
Mercedes, Renault, Peugeot



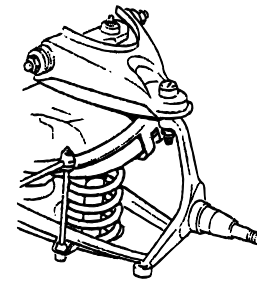
Mercedes, 124/201



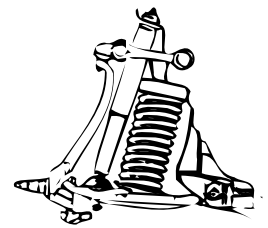
Mercedes, Ford USA



Ford, GM, Chrysler



Ford, GM, japanische Pkw's



Mercedes, 123/126

Composto da un albero di pressione telescopico e di 2 coppie di flangie é utilizzabile su molle di sospensione anteriori e posteriori dei modelli 116 123 - 124 - 126 - 129/201 e 4-MATIC e per tutte le sospensioni a trapezio.

This kit is equipped with a telescopic pressure piston and two couples of flanges. It can be used with front and back-wheel suspension springs in models 116 - 123 - 124 - 126 - 129 - 201 and 4-MATIC, and also with all kind of trapezoidal suspensions.

Ce kit est composé d'un piston de pression télescopique et de 2 couples de flasques. Il peut être utilisé avec suspensions antérieures et postérieure des modèles 116 - 123 - 124 - 126 - 129 - 201 et 4-MATIC et pour les suspensions à trapèze.

Der Satz enthält eine Teleskoppresse und 2 Flanschpaare. Er kann auf den vorderen und hinteren Federungen der Modelle 116 - 123 - 124 - 126 - 129 - 201 und 4-MATIC und für alle Trapezfederungen eingesetzt werden.

El kit incluye un pistón de presión de forma telescópica y dos parejas de copelas. Se puede utilizar con amortiguadores de suspensiones anteriores y posteriores de los modelos 116 - 123 - 124 - 126 - 129 - 201 y 4-MATIC, y para todas las suspensiones de trapecio.

KIT BUSSOLE SMONTAGGIO PIATTELLI
(MINI) 14 PEZZI

KIT OF BUSHES TO DISMOUNT PLATES
(MINI) 14 PIECES

KIT DE DOUILLE POURS DÉMONTAGE PLATEAUX
(MINI) 14 PIÈCES

KIT BUCHSEN DEMONTAGE PLATTEN
(MINI) 14 STÜCK

KIT CASQUILLOS PARA DESMONTAR PLATILLOS
(MINI) 14 UNIDADES



14-16-17-18-19-21-22-24-27mm
Audi, BMW, Chrysler, Fiat, Ford, Honda,
Nissan, Opel, Peugeot/Citroen, Renault, Seat,
Rover, Toyota, Volvo, Volkswagen

**PISTOLA DI GONFIAGGIO DIGITALE
"HIGH QUALITY"**

Cod. 03.000.45

78,00 €

Hand held electronic inflator "high quality"

Pistolet de gonflage digitale „high quality“

Elektronisches Reifenbefüll-Handgerät "high quality"

Pistola de inflado digital „high quality“



- Corpo in alluminio, copertura in gomma
- Separazione batteria
- Display di ampia dimensione retroilluminato
- Accuratezza $\pm 0,08$ bar (± 1 psi)
- Gamma misura 12 bar (175 psi)
- Misura in PSI, BAR, KPA, KGF
- Certificato di taratura INCLUSO (Foto B)
- Aluminum body, gum cover
- Battery separation
- Big backlight display
- Accuracy $\pm 0,08$ bar (± 1 psi)
- Measure range 12 bar (175 psi)
- Measure units: PSI, BAR, KPA, KGF
- Calibration certificate included (photo B)

Corps en aluminium, couverture en caoutchouc
Séparation batterie
Écran de grandes dimensions rétro-allumé
Précision $\pm 0,08$ bar (± 1 psi)
Gamme de mesure 12 bar (175 psi)
Mesure en PSI, BAR, KPA, KGF
Certificat d'étalonnage inclus (Photo B)

Aus Aluminium, mit Gummi bedeckt
Akkufach
Großes Display mit Hintergrundbeläuchung
Genauigkeit $\pm 0,08$ bar (± 1 psi)
Messbereich 12 bar (175 psi)
Messeinheiten: PSI, BAR, KPA, KGF
Kalibrierungszertifikat ablagern

Estructura de aluminio, cobertura de goma
Separación batería
Amplia pantalla retroiluminada
Precisión $\pm 0,08$ bar (± 1 psi)
Gama medición 12 bar (175 psi)
Medición en PSI, BAR, KPA, KGF
Certificación de calibración incluido (Foto B)

KIT STETOSCOPIO COMBI

Cod. 05.043.02

196,00 €



CHASSIS EAR + TRACER EAR

Utilizzare Tracer Ear per individuare oring e cuscinetti difettosi del pistone, perdite di gas di scappamento, fili consumiti con il tempo, perdite di aria e acqua e tutti i cigolii e i battiti in testa sotto il cofano.

Le sei pinze microfono estremamente sensibili consentono di sentire 6 posizioni sub-chassis in una prova su strada. Il meccanismo è in grado di rilevare rumori che non possono essere riprodotti nel box.

Use Tracer Ear to detect detective piston rings or bearings, leaking exhaust gases, cables in poor condition, air and water leaks, and all those grinding and clicking sounds under the bonnet

The 6 microphone clamps are able to listen to 6 under-chassis locations in one road test. The mechanics can hear noises that cannot be duplicated in the stall.

Utiliser "Tracer Ear" pour rechercher les o-rings et les paliers défectueux du piston, fuites des gaz d'échappement, câbles détériorés du temps, fuites d'air et d'eau et tous les bruits et les cliquets sous le capot.

Les 6 pinces microphones extrêmement sensibles qui consentent d'écouter 6 positions sub-châssis pendant le test sur route. Le mécanisme peut relever bruits qui ne puissent pas être reproduits dans le box.

Der Tracer Ear deckt nicht nur defekte O-Ringe und Lager auf, sondern auch undichte Gas-, Luft - oder Wasserleitungen, beschädigte Kabel sowie verdächtig quietschende und klingelnde Betriebsgeräusche unter der Haube.

Der Satz beinhaltet 6 äußerst empfindliche Mikrofonklemmen, die beim Testfahren an sechs Stellen unter dem Wagen befestigt werden können. Die Mikrofone nehmen Geräusche auf, die in der Werkstatt nicht festgestellt werden können.

Utilizar Tracer Ear para localizar oring y cojinetes del pistón dañados, pérdidas de gas de escape, cables dañados, pérdidas de agua y aire y de todos aquellos repiqueteos y ruidos estridentes por debajo del capó.

Las seis pinzas micrófono de alta sensibilidad permiten oír 6 posiciones sub-chassis en una prueba en carretera. El mecanismo es capaz de localizar ruidos que no se pueden reproducir en el box.

GENERATORI DI AZOTO PER GONFIAGGIO PNEUMATICI DI AUTO E VEICOLI COMMERCIALI (SISTEMA PSA)

NITRO "BASIC" 3000
Cod. 03.001.06
On Request €

NITROGEN GENERATORS FOR CAR AND COMMERCIAL VEHICLE TYRE INFLATING (PSA SYSTEM)
GENERATEUR D'AZOTE POUR LE GONFLAGE DE PNEUS DE VOITURES ET FOURGONS (SYSTEME PSA)
STICKSTOFFERZEUGER ZUM AUFPUMPEN VON REIFEN FÜR PKW'S UND NUTZFAHRZEUGE (PSA SYSTEM)
GENERADORES DE NITRÓGENO PARA INFLAR NEÚMATICOS DE COCHES Y VEHÍCULOS COMERCIALES (SISTEMA PSA)



Pressione max. aria ingresso	10 bar (145 psi)
Pressione azoto in uscita	6÷8 bar (85 ÷ 116 psi)
Capacità	50 lt/1'
Purezza minima	96%
Capacità serbatoio	50lt
Alimentazione	220V 50/60Hz
Accessori standard:	2 tubi + pistola per vuoto-gonfiaggio (A)

Max. inlet air pressure	10 bar (145 psi)
Outlet nitrogen pressure	6-8 bar (85 ÷ 116 psi)
Capacity	50 lt/1'
Min. purity	96%
Tank capacity	50lt
Power supply	220V 50/60Hz
Standard accessories:	2 hoses + vacuum-inflating gun (A)

Pression Max. air en entrée	10 bar (145 psi)
Pression azote en sortie	6-8 bar (85 ÷ 116 psi)
Capacité	50 lt/1'
Pureté minimum	96%
Capacité réservoir	50lt
Alimentation	220V 50/60Hz
Accessoires standard:	2 tuyaux avec pistolet de gonflage+vide (A)

Max. Luftdruck Eingang	10 bar (145 psi)
Stickstoffdruck Ausgang	6-8 bar (85 ÷ 116 psi)
Kapazität	50 lt/1'
Minimale Reinheit	96%
Speicherkapazität	50lt
Stromversorgung	220V 50/60Hz
Standardzubehör:	2 Schläuche mit dem Vakuumerzeuger (A)

Presión max. de aire en entrada	10 bar (145 psi)
Presión de nitrógeno en salida	6-8 bar (85 ÷ 116 psi)
Capacidad	50 lt/1'
Purezza mínima	96%
Capacidad del tanque	50lt
Alimentación	220V 50/60Hz
Accesorios estándar:	2 tubos y generador di vacío (A)

Idoneo per:
Suitable for:
Apte pour:
Geeignet für:
Apto para:

20"Full Container: ____ pcs

Cod. 03.000.38

420,00 €

GONFIATORE ELETTRONICO PER USO INTERNO E ESTERNO
ELECTRONIC TYRE INFLATOR FOR INDOOR AND OUTDOOR USE

- ✓ Pressione max. in entrata 10.5 bar/152 psi,
 - ✓ accuratezza ±0.02 bar
 - ✓ Tubo da 8 mt + valvola di gonfiaggio (A)
 - ✓ Ideale per: centri servizi rapidi, noleggio auto, concessionari
-
- ✓ Max. inlet pressure 10.5 Bar/152 Psi
 - ✓ Accuracy: ±0,02 Bar
 - ✓ 8 m hose with clip-on chuck (A)
 - ✓ Ideal for: Quick Service Centers, Rental Car Facilities and Car Dealers



Cod. 03.000.40

544,00 €

GONFIATORE ELETTRONICO AD ALTO FLUSSO
USO INTERNO E ESTERNO

HIGH FLOW TYRE INFLATOR FOR INDOOR AND OUTDOOR USE

- ✓ Pressione max. in entrata 13,0 Bar/188 Psi
 - ✓ Collettore a 4 uscite + 4 tubi da 2 mt con valvole di gonfiaggio di serie (B)
 - ✓ Può gonfiare fino a 4 pneumatici per volta
 - ✓ Ideale per: gommisti, autocarri, grandi flotte
-
- ✓ Max. inlet pressure 13,0 Bar/188 Psi
 - ✓ Inflates 1 to 4 tyres simultaneously
 - ✓ 4 way manifold kit with 4x2m hoses (B)
 - ✓ Ideal for Tyre Service Centers, Tyre Mounters and Fleet Operations



Cod. 03.000.38

Cod. 03.000.40

CARATTERISTICHE TECNICHE

TECHNICAL FEATURES

Funzione sovrappressione di tallonatura (OPS)	Function automatic over pressure settings (OPS)	
Carcassa in alluminio	Aluminum Body	
Accuratezza	Accuracy	±0.02 bar
Isolamento	Insulation	IP 66
4 scale di misura	4 units of measurement	Bar, Psi, Kpa, Kg/cm2
Alimentazione * a richiesta	Power * on request	110÷240 V AC, 50-60 Hz (12 V DC *)
Temperatura di lavoro	Working Temperature	-10 ÷50° C
Dimensioni e peso	Dimensions And Weight	25x27,5x9,0 - 5,5 kg

Cod. 03.000.35

12,00 €



CLIP-ON CORE RETRACTING TOOL
DISPOSITIVO SMONTAGGIO VALVOLA PNEUMATICI

Riduce i tempi di gonfiaggio e sgonfiaggio di pneumatici auto e veicoli industriali. Evita rischi di lesioni agli occhi provocate da valvole "volanti". Il corpo trasparente del dispositivo permette di vedere la posizione della valvola in ogni momento.

Idoneo per portate d'aria fino a 3000lt/min.
Utilizzabile con gonfia tori analogici o digitali
Riduce del 50% i tempi di gonfiaggio

It reduces the inflating and deflating times of tyres of cars and industrial vehicles. It avoids the risk of eye injury caused by flying valves. The transparent body of the device allows you to see always the position of the valve

Suitable for an air volume up to 3000lt/min.
It can be used with digital and analogue inflators
It reduces by 50% the inflating time

Lock-On
Core Retracting Tool



Come 03.000.35
con dispositivo di bloccaggio automatico

As 03.000.35 with automatic blocking device lock-on core retracting tool.

Cod. 03.000.36

12,00 €

Cod. 03.000.41

990,00 €

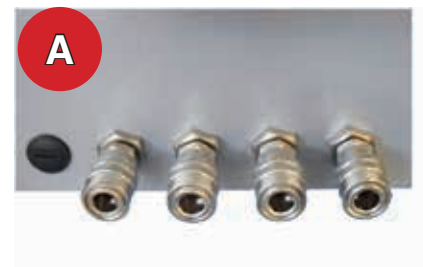


NITROGEN INFLATION SYSTEM CART FOR N2 BOTTLES

GONFLEUR CHARIOTE POUR BOUTEILLES AZOTE
(A BATTERIE)

FAHRBARES REIFENFÜLLGERÄT FÜR STICKSTOFFFLASCHEN
(MIT BATTERIE)

INFLADOR CON RUEDAS PARA BOMBOLA DE NITRÓGENO
(CON BATERÍA)



Funzione sovrappressione di tallonatura (OPS)
Funzione "spurgo aria" automatico (N2P)
Funzione "Auto Power Off"
Pulsanti antivandali Foto B
Batterie al litio con caricabatteria Foto C
Ampio display lcd retroilluminato Foto B
Può gonfiare fino a 4 pneumatici contemporaneamente Foto A e C
"Water proof" – idoneo all'uso esterno
Collegabile a bombole di azoto standard o a generatori di azoto
4 tubi di gonfiaggio da 8 m con attacchi Foto C
Sicuro, preciso e di facile uso
Dimensioni 137x57x60
Peso 28 kg.

Function automatic over pressure settings (OPS)
Function automatic "Air purging" (N2P)
Function "Auto-Power Off"
Vandal-resistant buttons Photo B
Lithium battery with battery charger Photo C
Large backlit LCD display Photo B
It can inflate up to 4 tyres simultaneously Photo C and A
Water-proof suitable for outdoor use
It can be connected to standard nitrogen bottles or to nitrogen generators
4 inflating hoses (8cm) with clip-on fittings Photo C
Safe, accurate and easy-to-use
Dimensions: 137x57x60
Weight: 28 kg
Überdruck-Funktion (OPS)

Funktion "automatische Entlüftung" (N2P)
"Auto Power Off"-Funktion
Vandalensichere Tasten Foto B
Lithium-Akku und Batterieladegerät Foto C
Großes LCD-Display mit Hintergrundbeleuchtung Foto B
Kann bis zu 4 Reifen gleichzeitig aufpumpen Foto A und C
Wasserdicht – geeignet für die Wasseranwendung
Kann an die normale Stickstoffflaschen und an den Stickstoff-Generator angeschlossen werden
4 Pumpschläuche 8 m mit den Verbindungen Foto C
Sicher, präzise und leicht zu bedienen
Abmessungen 137x57x60
Gewicht 28 kg

Fonction suppression (OPS)
Fonction "vidange air" automatique (N2P)
Fonction «Auto Power Off»
Boutons anti-vandales Photo B
Batteries au lithium avec chargeur de batterie Photo C
Grande afficheur LCD rétro-illuminé Photo B
Il peut gonfler jusqu'à 4 pneus en contemporaine Photo A et C
"Water proof" – utilisable à l'extérieur
Connectable à bouteilles d'azote standard ou à générateurs d'azote
4 tuyaux de gonflage de 8m avec raccords Photo C
Secure, précis et simple à utiliser
Dimensions 137x57x60
Poids 28 kg.

Función de sobrepresión de talonado (OPS)
Función "purga de aire" automático (N2P)
Función "Auto Power Off"
Tecla antivándalos Foto B
Baterías de litio con recarga baterías Foto C
Amplia pantalla lcd retroiluminada Foto B
Puede inflar hasta 4 neumáticos simultáneamente Foto A y C
"Water proof" – apto para el uso de externo
Se puede conectar a bombonas de nitrógeno estándares o a generadores de nitrógeno
4 tubos de inflado de 8 m con empalmes Foto C
Seguro, preciso y fácil de usar
Dimensiones 137x57x60
Peso 28 kg

**SPURGO FRENI
AUTOMATICO (12 V DC)**

NEW

Cod. 03.036.03

790,00 €

**AUTOMATIC BRAKE BLEEDER (12V)
PURGE AUTOMATIQUE DES FREINS (12 V)
AUTOMATISCHER BREMSENENTLÜFTER (12 V)
DISPOSITIVO AUTOMÁTICO PARA LIMPIEZA FRENOS (12 V)**



Alimentazione a 12V DC da batteria, protetto contro inversioni di polarità.
Struttura in acciaio inox.

Regolatore di pressione pre-tarato per poter operare anche su sistemi ABS.

Serbatoio da 5lt con indicatore di livello ed interruttore automatico di livello minimo.

12V powering with reverse polarity warning.
Stainless steel body.
Automatic pressure regulator; pressure automatically kept under 2 bars for ABS systems.

5lt reservoir with visible level and minimum level indication.

Alimentation à 12V CC par batterie, protégée contre les inversions de polarité.

Structure en acier inox.

Régulateur de pression pré-étalonné pour pouvoir travailler également sur des systèmes ABS.

Réservoir de 5litres avec indicateur de niveau et interrupteur automatique de niveau minimum.

12-V-Versorgung über Batterie mit Falschpolungsschutz

Gehäuse aus Edelstahl voreingestellter

Druckregler, um auch auf ABS-Systemen arbeiten zu können

5-Liter-Tank mit Niveauanzeige und automatischem Mindeststand-Schalter.

Alimentación de 12V DC de batería, protegido contra las inversiones de polaridad.

Estructura de acero inoxidable.

Regulador de presión pre-calibrado para trabajar con los sistemas con ABS también.

Tanque de 5lt con indicador de nivel e interruptor automático de nivel mínimo.

Cod. 03.036.09

P.A.R. €



a richiesta
on request
sur demande
auf Anfrage
bajo pedido

Art. 105

Cod. 05.036.00

48,00 €



Tester misurazione stato di usura liquido freni 4 led indicatori
Brake oil tester

Tester pour mesurer l'état d'usure du liquide dans les freins; il est fourni avec 4 led indicateurs

Tester zur Messung des Abnutzungszustandes der Bremsflüssigkeit 4 Led Anzeigen

Tester nivel de deterioro fluido para frenos 4 led indicadores



Cod. 05.036.01

P.A.R. €

TESTER PER LIQUIDO FRENI DIGITALE (105 D)
MISURA IL PUNTO DI EBOLLIZIONE DEL LIQUIDO

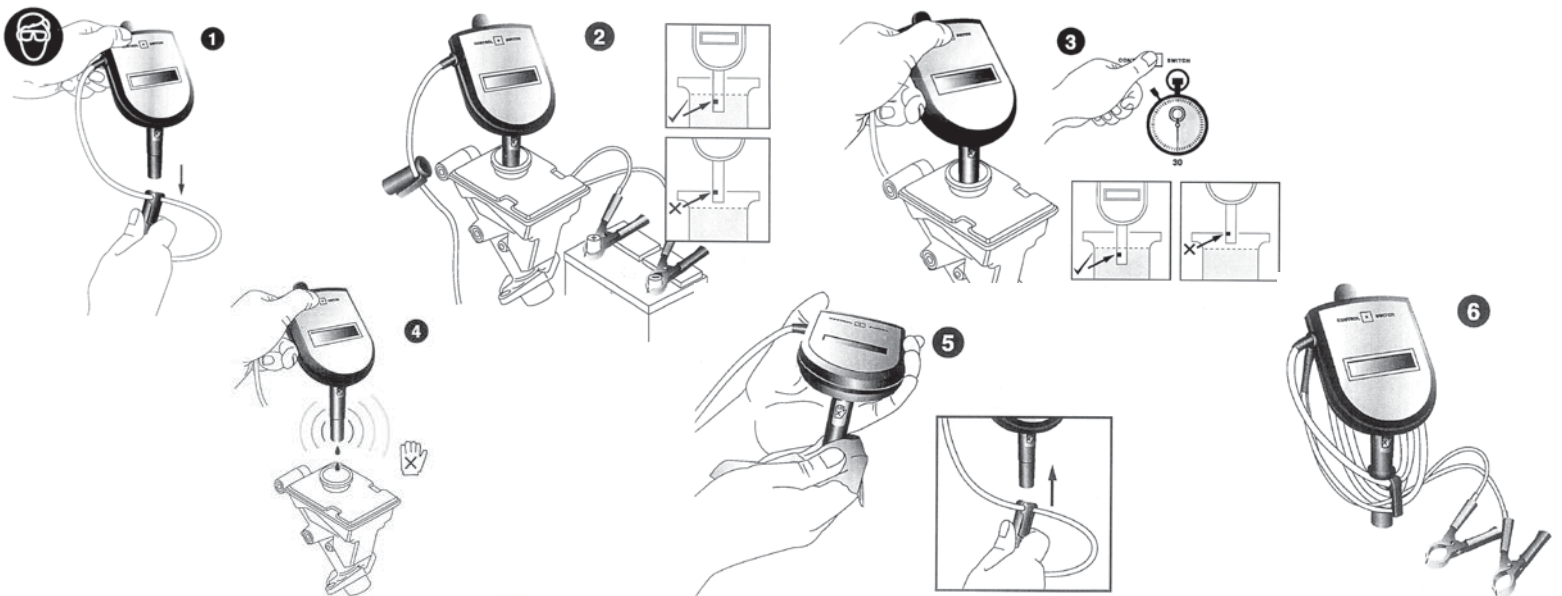
DIGITAL TESTER FOR BRAKE LIQUID (105 D)
IT MEASURES THE BOILING POINT OF THE LIQUID

TESTEUR POUR LIQUIDE DE FREINS DIGITAL (105 D)
MESURE DU POINT D'EBULLITION DU LIQUIDE

DIGITALTESTER FÜR BREMSFLÜSSIGKEIT (105 D)
MISST DEN SIEDEPUNKT DER FLÜSSIGKEIT

TESTER DIGITAL FLUIDO PARA FRENOS (105 D)
MIDE EL PUNTO DE EBULLICIÓN DEL FLUIDO

- | | | | | |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| - Alimentazione 12V (batteria) | - 12V power supply (battery) | - Alimentation 12V (batterie) | - Stromversorgung 12V (Batterie) | - Alimentación 12V (de batería) |
| - Display LCD con istruzioni in 16 lingue | - LCD display with instructions in 16 languages | - Afficheur LCD avec instructions en 16 langues | - LCD Display mit Anleitung in 16 Sprachen | - Pantalla LCD con instrucciones en 16 idiomas |
| - Riscaldamento del liquido fino 320°C | - Heating of the liquid up to 320°C | - Chauffage du liquide jusqu'à 320°C | - Erhitzung der Flüssigkeit bis auf 320°C | - Calentamiento del fluido hasta 320°C |
| - Utilizzabile con vari tipi di DOT e fluidi per vetture da competizione (database) | - It can be used with different types of DOT and fluids for racing cars (database) | - Utilisable avec différents types de DOT et liquide pour voitures de compétition (database) | - Kann bei verschiedenen DOT Typen und Flüssigmedien für Rennfahrzeugen (database) verwendet werden | - Se puede utilizar con diferentes tipos de DOT y fluidos para coches de competición (database) |
| - Omologato dai principali produttori di olio per freni | - Homologated by main brake fluid producers | - Homologué des principaux producteurs de liquide de freins | - Von den führenden Herstellern von Öl für Bremsen zugelassen | - Homologado por los principales productores de fluido para frenos |
| - Protetto contro inversioni di polarità | - Protected against polarity inversions | - Protection contre inversion de polarité | - Schutz vor Umpolung | - Protegido contra las inversiones de polaridad |



Cod. 05.036.03
P.A.R. €

Versione con stampante a richiesta
Version with external printer on request
Version avec l'imprimante sur demande
Printer-Version auf Anfrage
Versión con impresora bajo pedido

IMPIANTO FRENANTE
BRAKING SYSTEM - SYSTEME FREINANT
BREMSSYSTEM - INSTALACIÓN DE FRENOS



Cod. 05.058.01

110,00 €

**NUOVO KIT REGISTRO PISTONCINI FRENI
CON PISTONE PNEUMATICO**
NEW BRAKE CALIPER TOOL KIT WITH PNEUMATIC PISTON
**NOUVEAU KIT REPOUSSE PISTONS DES FREINS
AVEC PISTON PNEUMATIQUE**
**NEUER SATZ BREMSSTEUERKOLBEN MESSTASTER MIT
PNEUMATIK KOLBEN**
**NUEVO CALIBRADOR NEUMÁTICO DE FRENOS
CON PISTÓN NEUMÁTICO**

Il pistone pneumatico mantiene la pressione sul cilindretto che può essere facilmente ruotato verso destra o verso sinistra dalla leva.

The pneumatic piston maintains the pressure on the cylinder that can be easily turned right or left by using a lever

Le piston pneumatique maintiens la pression sur le cylindre qui peut être facilement tourné à droite ou à gauche du levier

Der pneumatische Kolben erhält den Druck auf dem Zylinder, der mit einem Hebel leicht nach rechts oder links gedreht werden kann.

El pistón neumático presiona el cilindro que se puede girar a la derecha o a la izquierda utilizando la palanca.



Cod. 05.058.07

34,00€

Aggiornamentno al kit 05.058.01
Upgrade for kit 05.058.01
Mise à jour kit 05.058.01
Upgrade für Kit 05.058.01
Actualización para kit 05.058.01

Applicazioni / applications / applications / Anwendungen / aplicaciones

B1 Ford

B3 BMW

B4 BMW

B5 Mini/BMW

W Passat VW

B2 Iveco Daily

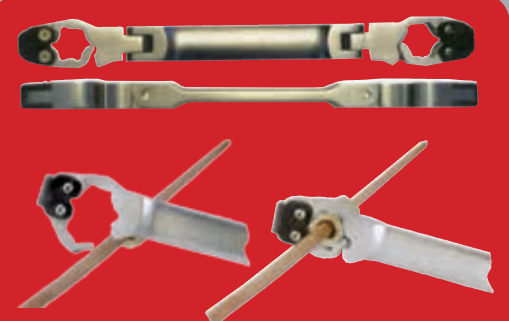
SET CHIAVI A CRICCHETTO PER TUBAZIONI
RATCHETING FLARE NUT WRENCH SET



- * **SISTEMA UNICO DI CRICCHETTO BREVETTATO**
- * **PUO' ESSERE APERTO E RICHIUSO PER ABBRACCIARE COMPLETAMENTE IL DADO POSTO SULLA LINEA PIU' E' ALTA LA PRESSIONE ESERCITATA, PIU' FORTE E' IL SERRAGGIO**
- * **UNIQUE PETENTED RATCHETING SYSTEM**
- * **CAN BE OPENED AND CLOSED TO FIT AROUND THE NUT COMPLETELY**
- * **THE MORE PRESSURE EXERTED ON THE TOOL, TIGHTER THE GRIP ON THE NUT**

Il set include 4/6 chiavi a doppio cricchetto ,con sistema BREVETTATO, in grado di operare su tubazioni di linea abbracciando completamente il dado. **INDISPENSABILE** per **MANUTENZIONE INDUSTRIALE E AUTOMOTIVE** (tubazioni iniettori e pompe diesel, sistemi ABS/ASR, refrigerazione mobile e industriale)

This set includes 4/6 **DUOBLE END LINE WRENCHES**,**WORLDWIDE PATENTED**, in order to operate on 'in line' pipes, fitting around the nut completely. **INDISPENSABILE** for **INDUSTRIAL and AUTOMOTIVE MAINTENANCE** (diesel pumps and injectors pipes, ABS/ASR systems, mobile refrigeration and HVAC)



2 Set disponibili / 2 Sets availables:

Cod. 05.090.11

90,00 €

4 CHIAVI/WRENCHES:
8X9, 10X11, 12X13, 14X15)

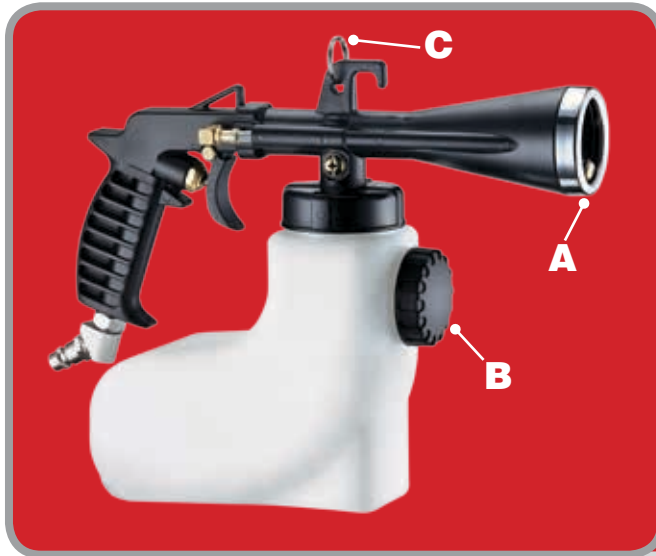
Cod. 05.090.12

150,00 €

6 CHIAVI/WRENCHES:
8X9,10X11,12X13,14X15,16X17,18X19)

Cod. 05.075.03

80,00 €



PISTOLA DI LAVAGGIO PER TAPPEZZERIE E CRUSCOTTI A CICLONE TWISTER CLEANING GUN FOR CARPETS AND SEATS

Strumento indispensabile per la pulizia di sedili, abitacoli, bagagliai e cruscotti da macchie di unto, peli di animali, residui organici. Utilizzare prodotti non schiumogeni diluiti a piacere.7

The essential tool for cleaning grease stains, hair and organic residues off vehicle seats, cabins, trunks and glove compartments. Suitable for use with non-foaming cleanser diluted as required.

Cod. 05.075.04

P.A.R. €

PRODOTTO DI LAVAGGIO
CLEANING SOLUTION
5 LT

CARATTERISTICHE TECNICHE:

Il flusso d'aria pulsante permette una migliore pulizia rispetto ai sistemi ad acqua in pressione. Nessun limite di posizione grazie al particolare disegno della sonda di aspirazione.

- A. L'iniettore a cono permette di operare su un'area più ampia in minor tempo.
- B. Il tappo di rabbocco laterale permette di evitare perdite tra serbatoio ed iniettore anche dopo numerose aperture.
- C. Il sistema di aggancio ad anello permette un facile stoccaggio dopo l'uso.
- D. Angolo speciale a 360° per ottenere aria compressa in ogni posizione.

TECHNICAL FEATURES:

Pulse air with controlled liquid spray provide better outcome than high pressure washer. No limited cleaning position with flexible and special suction tube design in the bottle.

- A. Large nozzle can cover better cleaning area and save working time.
- B. Side filler hole design avoid leakage between bottle and gun after numerous opening.
- C. Hook and ring design for easy storage.
- D. Special angle and 360° swivel air inlet allow any position of air hose.



Pistola lavaggio motori Engines' washer gun

Cod. 05.075.08

32,00 €

Può lavorare anche con detergenti petroliferi per lavaggi di motori auto, camion, moto e macchine operatrici
2 ugelli in dotazione

It can work also with oil-rich cleansing liquids for washing vehicle, truck, motorbikes and operating machinery's engines
Equipped with 2 nozzles



Pistola spara schiuma Foam nebulizer gun

Cod. 05.075.09

66,00 €

Utilizzabile con vari prodotti di lavaggio
Produce rapidamente un manto schiumoso per superfici da lavare



It can be used with different cleansing products
It quickly spreads cleansers evenly to adhere to surfaces which need to be cleaned

Cod. 05.075.05

144,00 €

NEW



A

**ATTREZZATURE PER IL RIPRISTINO DELL'EFFICIENZA
DEI FILTRI ANTIPARTICOLATO (FAP-DPF)**

**CLEANING AND REGENERATION SERVICE KIT
FOR CLOGGED FAP-DPF.**

**KIT DE LIMPIEZA PARA LA REGENERACIÓN
DE FILTROS DE PARTÍCULAS (FAP-DPF)**

**KIT DE NETTOYAGE POUR RETABLER
LE RENDEMENT DES FILTRES À PARTICULES**

**DPF FLUSH KIT
CHE COS'È?**

Specifica attrezzatura funzionante con aria compressa progettata per la pulizia dei filtri antiparticolato degli autoveicoli diesel. Corredata di semplici e facili sonde intercambiabili che si possono utilizzare su ogni tipo e modello di filtri antiparticolato.

Benefici

pistola con impugnatura in gomma
sonda rigida intercambiabile
sonda flessibile intercambiabile
connessione per aria compressa con rubinetto a sfera 1/4"
guarnizioni in FKM resistenti a tutti i liquidi, anche a quelli più aggressivi
tubo Rilsan in pa11 resistente a tutti i liquidi, anche a quelli più aggressivi

**DPF FLUSH KIT
WHAT IS IT?**

Compressed-air gear for cleaning diesel particulate filters. includes easy-to-use interchangeable probes suitable for use with every type and model of DPFs.

FEATURES

rubber-handle gun
interchangeable rigid probe
interchangeable flexible probe
compressed air connector with 1/4" bibcock
FKM seals resistant to all kind of liquid substance, including aggressive chemicals.
pa11 Rilsan tube resistant to all kind of liquid substance, including aggressive chemicals..

**DPF FLUSH KIT
¿QUÉ ES?**

Instrumento de aire comprimido diseñado para la limpieza de los filtros antipartículas en los vehículos diesel. Equipada con sondas intercambiables de fácil utilización adecuadas para todo tipo y modelo de filtros antipartículas.

CARACTERÍSTICAS Y VENTAJAS

pistola con mango de caucho
sonda rígida intercambiabile
sonda flexible intercambiabile
conexión para aire comprimido con grifo de bola 1/4"
guarniciones FKM resistente a todo tipo de líquido, incluso los más agresivos
tubo Rilsan de pa11 resistente a todo tipo de líquido, incluso los más agresivos

**DPF FLUSH KIT
QU'EST-CE QUE C'EST ?**

Équipements spécifiques qui fonctionnent avec air comprimé, conçu pour le nettoyage des filtres à particules dans les voitures diesel. Doté de sondes interchangeable rapidement qui peut être utilisé sur tous les modèles de filtres à particules.

CARACTÉRISTIQUES ET AVANTAGES

pistolet avec poignée en caoutchouc
sonde rigide interchangeable
sonde flexible interchangeable
raccord pour air comprimé avec robinet a sphère 1/4"
joints en FKM résistant à tous les liquides, y compris les plus agressifs
tuyau Rilsan en pa11 résistant à tous les liquides, y compris les plus agressifs

IL KIT INCLUDE - KIT INCLUDES - EL KIT INCLUYE - LE KIT COMPREND:

B



Cod. 05.075.06

44,00 €



**DPF RINSE
LIQUIDO DI RISCIAQUO FAP
CHE COS'È?**

Liquido specifico di risciacquo dopo la pulizia dei filtri antiparticolato diesel. Grazie alla sua particolare formulazione chimica, questo prodotto è in grado di agire in profondità nel nido d'ape all'interno del filtro antiparticolato, lasciandolo pulito dai residui carboniosi e fuliggine, facilitando l'operazione di rigenerazione del filtro.

**DPF RINSE
DPF RINSE SOLUTION
WHAT IS IT?**

Special rinse solution for DPFs. Thanks to its chemical formula, this product allows a deep rinse of the porous honeycomb DPF structure, thus removing any particulate matter and soot residue and easing filter regeneration..

**DPF RINSE
LÍQUIDO PARA ENJUAGUE FAP
¿QUÉ ES?**

Líquido de enjuague después de la operación de limpieza de los filtros antipartículas diesel. Gracias a su específica formulación química, este producto actúa en profundidad en la estructura en forma de nido de abeja del filtro, para dejar el mismo limpio de todo residuo de carbonilla y hollín y facilitar la operación de regeneración del filtro.

**DPF RINSE
LIQUIDE DE RINÇAGE
QU'EST-CE QUE C'EST ?**

Liquide de rinçage après nettoyage des filtres à particules diesel. Grâce à sa formulation chimique, ce produit agit sur la structure alvéolaire des filtres à particules; toutes les particules de suie, les cendres, les résidus et autres éléments polluants accumulés dans le filtre à particules sont détachés et la opération de régénération est simplifiée.

C



Cod. 05.075.07

48,00 €

**DPF FLUSH
LIQUIDO DI PULIZIA FAP
CHE COS'È?**

Liquido detergente non infiammabile, privo di metalli in sospensione, specifico per la pulizia dei filtri antiparticolato diesel. Grazie alla sua particolare formulazione chimica, questo prodotto è in grado di agire in profondità nel nido d'ape all'interno del filtro antiparticolato rimuovendo con facilità i residui carboniosi e fuliggine che ostruiscono il normale passaggio dei fumi di scarico del motore e ripristinando il funzionamento dell'intero sistema di scarico.

**DPF FLUSH
CLEANSING DPF SOLUTION
WHAT IS IT?**

Non-flammable cleaning solution, suspended metals free, for DPFs. Thanks to its chemical formula, this product allows a deep rinse of the porous honeycomb DPF structure, thus removing any particulate matter and soot residue and easing the functioning of the whole exhaust emission system.

**DPF FLUSH
LÍQUIDO DE LIMPIEZA FAP
¿QUÉ ES?**

Líquido detergente no inflamable, sin partículas en suspensión, para la limpieza de los filtros antipartículas diesel. Gracias a su específica formulación química, este producto actúa en profundidad en la estructura en forma de nido de abeja del filtro, para remover fácilmente todo residuo de carbonilla y hollín que pueda obstruir el pasaje de los humos del tubo de escape del motor y restablecer el correcto funcionamiento del sistema de escape.

**DPF FLUSH
LIQUIDE DE NETTOYAGE FAP
QU'EST-CE QUE C'EST ?**

Fluide de nettoyage ininflammable, sans métaux en suspension, spécifique pour le nettoyage des filtres à particules diesel. Grâce à sa formulation chimique, ce produit agit sur la structure alvéolaire des filtres à particules. Toutes les particules de suie, les cendres, les résidus et autres éléments polluants qui obstruent le passage des gaz d'échappement sont détachés, et le bon fonctionnement du système d'échappement est rétabli.

Cod. 03.015.03

230,00 €

BOCIA EVO 12V



- 1) Nuova impugnatura ergonomica
- 2) Pinze con contatto in bronzo con treccia interna
- 3) Presa 12 V
- 4) Controllo stato di carica (sotto carica)
- 5) Controllo stato di carica (a riposo)
- 6) Stacca batteria con allarme polarità invertita
- 7) Carica batterie 1 Amp 100/240V

Nuova batteria 12 V 22Ah (2000A peak)

Garanzia 12 mesi



- 1) New ergonomic handle
- 2) Pliers with bronze contact and internal braid
- 3) 12 V socket
- 4) Charge indicator (under charge)
- 5) Charge indicator (not under charge)
- 6) Battery switch with reverse polarity alarm
- 7) Battery charger 1 Amp 100/240V

New battery 12V22Ah/2000A Peak

12 months warranty



- 1) Nouvelle poigné ergonomique
- 2) Pincés avec contact en bronze avec tramage interne
- 3) Prise 12 V
- 4) Control état de charge (sous charge)
- 5) Control état de charge (en arrête)
- 6) Protection batterie avec alarme polarité renversée
- 7) Chargeur de batterie 1 Amp 100/240V

Nouvelle batterie 12 V 22Ah (2000A peak)

Garantie 12 mois

- 1) Neuer ergonomischer Griff
- 2) Zangen mit Bronze-Gleitschicht
- 3) 12V-Steckdose
- 4) Ladeanzeige (während des Ladens)
- 5) Ladeanzeige (ohne Laden)
- 6) Batterieschalter mit Alarm bei der umgekehrten Polarität
- 7) Ladegerät 1 Amp 100/240V

Neue Batterie 12V22Ah (2000A Spitzenlast)

12 Monate Garantie

- 1) Nuevo mango ergonómico
- 2) Pinzas con contactos de bronce y cables trenzados
- 3) Enchufe de 12 V
- 4) Control del estado de carga (en carga)
- 5) Control del estado de carga (sin cargar)
- 6) Desconector de batería con alarma de inversión polaridad
- 7) Cargador de baterías 1 Amp 100/240V

Nueva batería 12 V 22Ah (2000A pico)

Garantía 12 meses

Booster Line

Cod. 03.015.04

460,00 €

BOCIA EVO 12/24V



- 1) Nuova impugnatura ergonomica in gomma
- 2) Voltmetro
- 3) Stacca batteria
- 4) Presa 12 V
- 5) Luce a led di emergenza
- 6) Pinze con contatto in bronzo con treccia interna
- 7) Caricabatteria 4 Amp 100/240V
- 8) Commutatore 12V-0-24V

- 1) New ergonomic rubber handle
- 2) Voltmeter
- 3) Battery switch
- 4) 12 V socket
- 5) Emergency led light
- 6) Pliers with bronze contact and internal braid
- 7) Battery charger 4 Amp 100/240V
- 8) Switch 12V-0-24

- 1) Nouvelle poignée ergonomique en caoutchouc
- 2) Voltmètre
- 3) Protection batterie
- 4) Prise 12 V
- 5) Témoin d'émergence
- 6) Pincas avec contact en bronze avec tramage interne
- 7) Chargeur de batterie 4 Amp 100/240V
- 8) Commutateur 12V-0-24V

- 1) Neuer ergonomischer Gummigriff
- 2) Voltmeter
- 3) Batterieschalter
- 4) 12-V-Steckdose
- 5) Notfall-LED-Licht
- 6) Zangen mit Bronze-Gleitschicht
- 7) Ladegerät 4 Amp 100/240V
- 8) Schalter-12V 0-24

- 1) Nuevo mango ergonómico de goma
- 2) Voltímetro
- 3) Desconectador de batería
- 4) Enchufe de 12 V
- 5) Luz LED de emergencia
- 6) Pinzas con contactos de bronce y cables trenzados
- 7) Cargador de baterías 4 Amp 100/240V
- 8) Conmutador 12V-0-24V

Nuove batterie 2pz x 12 V 22Ah (2000)

New batteries 2pcs x 12V22Ah/2000A Peak

Nouvelle batteries 2pcs x 12 V 22Ah (2000A peak)

Neue Batterie 12V22Ah (2000A Spitzenlast)
12 Monate Garantie

Nueva batería 12 V 22Ah (2000A pico)

Garanzia 12 mesi

12 months warranty

Garantie 12 mois

Garantía 12 meses

Cod. 03.016.01

440,00 €

NEW

HAPPY VAN EVO 12V



- 1) Nuova impugnatura ergonomica in gomma
- 2) Voltmetro
- 3) Stacca batteria
- 4) Presa 12 V
- 5) Luce a led di emergenza
- 6) Pinze con contatto in bronzo con treccia interna
- 7) Caricabatteria 4 Amp 100/240V

- 1) New ergonomic rubber handle
- 2) Voltmeter
- 3) Battery switch
- 4) 12 V socket
- 5) Emergency led light
- 6) Pliers with bronze contact and internal braid
- 7) Battery charger 4 Amp 100/240V

New batteries 2pcs x 12V22Ah/2000A Peak
12 months warranty

- 1) Nouvelle poignée ergonomique en caoutchouc
- 2) Voltmètre
- 3) Protection batterie
- 4) Prise 12 V
- 5) Témoin d'urgence
- 6) Pincettes avec contact en bronze avec tramage interne
- 7) Chargeur de batterie 4 Amp 100/240V

Nouvelle batteries 2pcs x 12 V 22Ah (2000A peak)
Garantie 12 mois

- 1) Neuer ergonomischer Gummigriff
- 2) Voltmeter
- 3) Batterieschalter
- 4) 12-V-Steckdose
- 5) Notfall-LED-Licht
- 6) Zangen mit Bronze-Gleitschicht
- 7) Ladegerät 4 Amp 100/240V

Neue Batterie 12V22Ah (2000A Spitzenlast)
12 Monate Garantie

- 1) Nuevo mango ergonómico de goma
- 2) Voltímetro
- 3) Desconectador de batería
- 4) Enchufe de 12 V
- 5) Luz LED de emergencia
- 6) Pinzas con contactos de bronce y cables trenzados
- 7) Cargador de baterías 4 Amp 100/240V

Nueva batería 12 V 22Ah (2000A pico)
Garantía 12 meses

Nuove batterie 2pz x 12 V 22Ah (2000)
Garanzia 12 mesi

Cod. 05.096.02

110,00 €



AMPEROMETRO DIGITALE PER FUSIBILI fino a 80A 48V

Automotive current tester for fuses up to 80 A 48V

Ampèremètre numérique pour fusibles jusqu'à 80 A 48V

Digitalstrommesser für Sicherungen bis 80 A 48 V

Amperímetro digital para fusibles hasta 80 A 48V

Ampio display con barra grafica
Peak Hold e Data Hold
Pulsanti di azzeramento
Idoneo per fusibili tipo lungo,
standard, mini
di auto, autocarri, pullman e
carrelli elevatori

Large LCD display with bar graph
Peak hold and data hold
Zero setting key
Suitable for large, standard and mini
fuses of cars, trucks, coaches and
lift trucks

Grand écran avec barre graphique
Peak hold et data hold
Bouton de remise à zéro
Adéquat pour fusibles de type
large, standard et mini de voitures,
camions, cars, chariots élévateurs

Größer Display mit Bargraf
Peak-Hold- und Data-Hold-Funktion
Nulleinstellungstaste
Geeignet für große, kleine und
Standard-Sicherungen
(Pkw, Lkw, Bus, Hubwagen)

Grande pantalla con barra gráfica
Peak hold y data hold
Tecla para anulación de los valores
Apto para fusibles de tipo ancho,
estándar y mini de coches,
camiones, autobuses, carretillas
elevadoras

Cod. 05.078.04

75,00 €



**SET CHIAVI COMBinate
PER ALTERNATORI**

(22Pcs)

**KIT OF COMBINED WRENCHES
FOR ALTERNATORS**

(22Pcs)

APPLICAZIONI / APPLICATION:

ALTERNATORI - ALTERNATORS

BOSCH - DENSO

MARCHI/ BRANDS:

VW - AUDI - MERCEDES BENZ - RENAULT

PEUGEOT - CITROEN - BMW - OPEL - FORD

FIAT - HONDA - PORSCHE

Diffusi dettagli a richiesta

More details on request



Cod. 05.078.02

16,50 €



Attrezzo smontaggio alternatori
Fiat Grande Punto

Tool to dismount alternators
of Fiat Grande Punto

Cod. 05.078.03

7,80 €



Attrezzo
smontaggio
alternatori
Nippon Denso

Tool to dismount
alternators
of Nippon Denso



CBA 150
Cod. 03.022.01
42,00 €



CBA 400
Cod. 03.024.09
54,00 €



CBA 700
Cod. 03.024.12
86,00 €






CBA 1200
Cod. 03.024.03
100,00 €

NUOVA SERIE CARICABATTERIE

NEW INTELLIGENT BATTERY RECHARGING SERIES

NOUVELLE GAMME CHARGEURS DE BATTERIES

CARATTERISTICHE TECNICHE - TECHNICAL FEATURES CARACTÉRISTIQUES TECHNIQUES - TECHNISCHE DATEN CARACTERÍSTICAS TÉCNICAS	03.022.01 CBA 150	03.024.09 CBA 400
Alimentazione Power supply - Alimentation Stromversorgung - Suministro de corriente	120/230V	120/230V
Batterie SLI, VRLA, GEL, AGM SLI, VRLA, GEL, AGM batteries - Batteries SLI/VRLA/GEL/AGM Batterien SLI/VRLA/GEL/AGM - Baterías SLI, VRLA, GEL, AGM	✓	✓
Controllo a microprocessore Microprocessor control system - Control avec micro-processeur Kontrolle mit Mikroprozessor - Control mediante microprocesador	✓	✓
Tensione di carica charging voltage - tension de charge Ladungsspannung - tensión de carga	6 / 12V	6 / 12V
Max corrente di ricarica Max recharging current - Max courant de charge Max Ladungsstrom - Max corriente de carga	1,5A	2A/4A
Campo capacità batterie di ricarica Capacity field of charging batteries - Champ capacité batteries en charge Bereich der Batterien in Ladung - Campo de capacidad de baterías en carga	2÷120Ah	10÷150Ah
Batterie standard Standard batteries - Batteries standard Standard Batterien - Baterías estándar	✓	✓
Fasi automatiche di carica Automatic charging phases - Phases automatiques de charge Automatische Ladungsphasen - Etapas de carga automáticas	3	3
Funzione "desolfatazione" "Desulphation" function - Fonction «désulfatation» «Entschwefelung» Funktion - Función "desulfatación"	✓	✓
Protezione da cortocircuito Short circuit protection - Protection de court-circuits Schutz vor Kurzschluss - Protección contra corto circuitos	✓	✓
Protezione da sovraccarico Overcharging protection - Protection de surcharge Schutz vor Überlast - Protección contra sobrecargas	✓	✓
Led di segnalazione Warning led - Témoins de signalisation Alarm Led - Luz led de señalización	✓	✓
Dimensioni (cm) Volume (cm) - Abmessungen (cm) Dimensions (cm) - Dimensiones (cm)	13x6x5	16x8,5x4
Peso (kg) - Weight (kg) - Poids (kg) - Gewicht (Kg) - Peso (kg)	0,55	0,75
	✓	✓
	✓	✓
	✓	✓

BATTERIE INTELLIGENTI

NEUE SERIE INTELLIGENTE BATTERIELADEGERÄTE
 NUEVA SERIE DE RECARGABATERÍAS INTELIGENTES

03.024.12 CBA 700	03.024.03 CBA 1200	03.024.04 CBA 3000	04.003.05 CBA 500x4	03.024.07 CBA 244
120/230V	230V	230V	230V	230V
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
6 / 12V	12V	12V	12V	24V
3,5/7A	12A	30A	5A x 4	4A
10÷180Ah	10÷200Ah	30÷300Ah	10÷150Ahx4	10÷120Ah
✓	✓	✓	✓	✓
3	5	5	5	5
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
✓	✓	✓	✓	✓
DIGIT	✓	✓	✓	✓
20x11x6	20,5x12x7	20x20x13	350x19x85	20,5x12,2x7
0,85	1,28	6,3	8	1,28
✓	---	---	---	---
✓	✓	✓	✓	✓
✓	---	---	---	---

CBA 3000

Cod. 03.024.04

298,00 €



CBA 500x4

Cod. 04.003.05

320,00 €



24V -4A

CBA 244

Cod. 03.024.07

116,00 €



Cod. 03.024.10

595,00 €

URANO 450
SOFTWARE CHARGING TECHNOLOGY



**AVVIATORE E CARICA BATTERIE
AD INVERTER**

per l'avviamento di autoveicoli
dotati di batteria da 12v
e la carica di batterie al piombo-acido
12/24v con elettrolita liquido o gel

**INVERTER STARTER AND
BATTERY CHARGER,**

for starting up vehicles equipped with 12V
battery and recharging 12/24V lead-acid
batteries with liquid or gel electrolyte

L'avviatore - caricabatterie ad inverter URANO 450 in tecnologia SCT è un apparecchio che integra tre funzioni:

- 1) Carica batterie adatto alla ricarica di batterie al piombo-acido con elettrolita liquido ed in gel da 12V e 24V con stadio di mantenimento in tampone.
- 2) Avviatore espressamente progettato per avviare autoveicoli a 12V con centraline elettroniche.
- 3) Alimentatore ausiliario 12/24V indispensabile per sostituire la batteria senza perdere le impostazioni del computer di bordo.

- Display a tre cifre

- 300Amp. per l'avviamento in sicurezza di autoveicoli a 12V con centraline elettroniche.
- Da 3 a 45Amp. per la ricarica ed il mantenimento di batterie al piombo-acido con elettrolita liquido ed in gel da 12V e 24V.
- Alimentazione ausiliaria 12/24V per sostituire la batteria senza perdere i dati memorizzati nel computer di bordo.
- Servizio continuo alla massima corrente di carica.
- Dimensioni e peso ridotti.

The URANO 450 inverter starter-battery charger with SCT technology offers three functions:

- 1) Starter intended especially for starting up 12V vehicles with electronic control unit.
- 2) Universal Battery Charger for recharging lead-acid batteries from 20 to 900Ah with liquid and gel electrolyte of 12 and 24V with trickle charging in floating mode.
- 3) Auxiliary 12/24V power supply unit essential for replacing the battery without losing the computers Settings.

- 300amp at 12V for safety starting up of vehicles with electronics control board.
- 3 to 45Amp for charging and maintaining lead-acid batteries at 12 and 24V wet and gel electrolyte.
- Auxiliary 12/24V power supply unit essential for replacing the battery without losing the computer's Settings.
- Maximum charging current continuously available without thermal interruption.
- Reduced size and weight.



Cod. 03.024.11

82,00 €

Caratteristiche tecniche - Faetures - Caractéristiques techniques - Technische Daten - Especificaciones técnicas

Tensione d'alimentazione / Input voltage Tension d'alimentation / Netzspannung / Tensión de alimentación	Volt (50/60Hz- 1Ph)	220 - 240
Tensione di carica / Charging voltage Tension de charge / Ladespannung / Tensión de carga	Volt d.c.	12/24
Corrente di carica / Output current Courant de charge / Ladestrom / Corriente de carga	Amp d.c.	3-45
Capacità delle batterie / Rated battery capacity Capacité des batteries / Batteriekapazität / Capacidad de baterías	Ah	20/900
Posizioni di carica / Charge rate settings Positions de charge / Ladeposition / Posiciones de carga	N°	84
Avviamento: tensione e corrente / Starting up: voltage and current Positions de charge / Anschluss: Spannung und Strom / Tensión y corriente de arranque	Vd.c./Ad.c.	12V/300A
Grado di protezione / Degree of protection Degré de protection / Protektionsgrad / Grado de protección	IP	21
Dimensioni / Dimensions Dimensions / Abmessungen / Tamaño	Cm	32,5X19,2x17
Peso / Weight Poids / Gewicht / Peso	Kg	5



Cod. 03.024.10
595,00 €



URANO 450
 SOFTWARE CHARGING TECHNOLOGY



Démarrreur et chargeur de batteries a technologie inverter

Pour le démarrage des véhicules automobiles équipés de batteries de 12v et le chargement de batteries au plomb-acide 12/24v avec électrolyte liquide ou gel

Inverter-Batterieladegerät und Anlasser,

Zum Anlassen der Autobatterien zu 12V und der Ladung der Blei-Säure Batterien mit 12/24V, mit Flüssig-Elektrolyt oder Gel

ARRANCADOR Y RECARGADOR DE BATERÍAS INVERTER

Para arrancar vehículos con batería de 12V y recargar baterías de plomo-ácido de 12/24V con electrolito líquido o de gel

Le démarreur-chargeur de batterie à inverter URANO 450 avec technologie SCT est un appareil qui intègre trois fonctions:

- 1) Chargeur de batterie indiqué pour le rechargement de batteries au plomb-acide avec électrolyte liquide ou en gel de 12V et 24V avec phase de maintien en charge maximale/floating
 - 2) Démarreur spécialement étudié et adapté pour démarrer des véhicules automobiles à 12V avec des systèmes électroniques embarqués
 - 3) Groupe auxiliaire de puissance 12/24V indispensable pour remplacer la batterie sans perdre les paramètres de l'ordinateur de bord.
- 300A pour le démarrage en toute sécurité de véhicules automobiles à 12V avec des commandes électroniques.
 - De 3 à 45A pour le rechargement et le maintien des batteries au plomb-acide avec électrolyte liquide et en gel de 12V et 24V.
 - Groupe auxiliaire de puissance 12/24V pour remplacer la batterie sans perdre les informations et donc en sauvegardant toutes les données dans l'ordinateur de bord.
 - Chargement automatique, maximal et stabilisé.

Das Inverter-Anlasser-Batterieladegerät URANO 450 mit SCT Technologie vereint 3 Funktionen:

- 1) Batterieladegerät zur Ladung von Blei-Säure oder flüssig-Elektrolyt oder Gel-Batterien von 12/24V mit Tamponsystem (Beibehaltung der Ladung).
 - 2) Dieses Gerät ist ausdrücklich zum Anlassen von 12V-Batterien bei Autos mit elektronischer Zentrale gedacht.
 - 3) Zusatzspeisung 12/24V wichtig beim Austausch der Batterien ohne das die Einstellung des Bordcomputers verloren geht.
- 300 Amp-zum Anlassen von Autos mit 12V und elektronischer Zentrale.
 - von 3-45 Amp zur Ladung von 12/24V Blei-Säure und Elektrolyt-Batterien oder Gel.
 - Zusatzspeisung 12/24V zum Austausch der Batterie ohne Verlust der Daten-Memory im Bordcomputer.
 - Dauerservice bei höchster Ladespannung.
 - Minimale Größe und reduziertes Gewicht.

El arrancador y recargador de baterías inverter URANO 450 con tecnología SCT (Software Charging Technology) ofrece tres distintas funciones:

1. Recargador adaptado a baterías de plomo-ácido con electrolito líquido o de gel de 12V y 24V con carga flotante de mantenimiento.
2. Arrancador especialmente diseñado para vehículos de 12V con centralita electrónica.
3. Fuente de alimentación auxiliar de 12/24V, indispensable para sustituir la batería sin perder los ajustes de abordo.

- Pantalla de 3 dígitos.

- 300Amp para arrancar en seguridad vehículos de 12V con centralitas electrónicas.
- De 3 a 45Amp para recargado y mantenimiento de carga de baterías de plomo-ácido con electrolito líquido o de gel de 12V y 24V.
- Fuente de alimentación auxiliar de 12/24V, indispensable para sustituir la batería sin perder los ajustes de abordo.
- Mantiene permanentemente la batería en su condición de carga plena.
- Tamaño compacto y peso ligero.



PROBES COMPLY TO NEW
IEC61010-031:2008
NORM VALID FROM
01/03/2011



DT 31010
Cod. 04.005.02
196,00 €

- MULTIMETRO "IBRIDO"**
con pinza contagiri e sonda temperatura
- MULTIMETER "HYBRID"**
with rpm counter pliers and temperature probe
- MULTIMETRE "HYBRIDE"**
avec pince compte-tours et sonde température
- MULTIMETER HYBRID**
mit dem Drehzahlmesser und Temperaturfühler
- MULTÍMETRO "HÍBRIDO"**
con pinza cuentarrevoluciones y sonda temperatura

KT2HYBRID
Cod. 04.006.02
329,00 €



- Il kit diagnosi professionale per l'elettrauto e il meccanico diagnostico.
Include multimetro DT31010 e pinza amperometrica CBA 600
- The professional car diagnostic kit for car electricians and diagnostic mechanics.
It includes DT31010 multimeter and amperometric pliers CBA 600
- Le kit diagnostique professionnel pour l'électricien voitures
et le mécanicien de diagnostic.
Il inclue le multimètre DT31010 et la pince ampèremétrique CBA 600
- Das Profi Set für Autoelektriker und Diagnose Mechaniker. Umfasst Multitester
DT31010 und Zangenstromm-esser CBA 600
- El kit diagnóstico profesional para los electricistas de automóviles
y los mecánicos diagnósticos.
El kit incluye el multímetro DT31010 y alicates amperométricos CBA 600






CBA600
Cod. 04.009.00
133,00 €

- 600A AC/DC**
- Pinza amperometrica**
- Amperometric pliers**
- Pince ampèremétrique**
- Zangenstromm-esser**
- Alicates amperométricos**



Cod. 04.022.00
79,00 €

- Kit cavetti per multimetro e oscilloscopio**
- Cable kit for multimeter and oscilloscop**
- Kit cables pour multimètre et oscilloscope**
- Prüfkabel-und Zubehör-Sortiment für Multimeter und Oszilloskop**
- Kit cables para multímetro y osciloscopio**

Modelli / Models Models / Modelle Modelos	 DT 31010 <i>Cod. 04.005.02</i>	 CBA 600 <i>Cod. 04.009.00 KIT</i>	 KT2 <i>Cod. 04.006.02</i>
Misure effettuabili Tests that can be carried out Mesures executables Ausführbare Messungen Pruebas realizables			
Cambio scala automatico Change of scale / Changement d'échelle Skalen Wechsel / Cambio escala	✓	MANUAL	✓
Tensione (DC) Voltage (direct current) Voltage (ampérage continu) Spannung (Gleichstrom) Tensiòn (DC)	1000V max	○	1000V max
Tensione (AC) Voltage (alternate current) Voltage (ampérage alterné) Spannung (Wechselstrom) Tensiòn (AC)	1000V max	○ 750V max	750V max
Corrente (AC) Current (alternate current) Ampérage (ampérage alterné) Strom (Wechselstrom) Corriente (AC)	20A	600A	20A/600A
Corrente DC DC Current / Ampérage DC DC Strom / Corriente DC	20A	600A	20A/600A
MilliAmpere MilliAmpere / MilliAmpères MilliAmpere / MilliAmperios	✓	○	✓
Resistenza Resistance / Résistance Widerstand / Resistencia	32 MOHM max	○	32 MOHM max
Prova diodi Diode test / Essai diodes Dioden Prüfung / Prueba diodos	✓	○	✓
Temperatura Temperature / Température Temperatur / Temperatura	-20°C/+750°C	○	-20°C/+750°C
Giri Motore R.P.M. Tours Moteur Umdrehungen Motor Revoluciones por Minuto	0-9999 rpm	○	0-9999 rpm
Duty Cycle	0-100%	○	0-100%
Dwell	0-99%	○	0-99%
Tempo iniezione Injection time / Temps d'injection Einspritz Zeit / Tiempo de inyección	✓	○	✓
Frequenza Frequency / Fréquence Frequenz / Frecuencia	320Hz/32KHz	○	320Hz/320KHz
Custodia antiurto Shock-proof case Protection contre les chocs Stossfester Schutzkasten Estuche antichoque	✓	○	✓
Barra grafica analogica Analogue graphic display Barre graphique analogique Grafik Analoganzeige Pantalla gráfica analògica	✓	○	✓



BT 222

Cod. 04.003.09

60,00 €

TESTER BATTERIE/IMPIANTO DI CARICA 12V

BATTERY TESTER/CHARGING SYSTEM 12V

TESTEUR DE BATTERIES/ SYSTEME DE CHARGE 12V

ESTER BATTERIE/LADUNGSSYSTEM 12V

TESTER BATERÍAS/INSTALACIÓN DE RECARGA 12V

Gamma:	Norme:	Tolleranza:	Risoluzione:
Range:	Norms:	Tolerance:	Risolution:
Gamme:	Normes:	Tolérance:	Résolution:
Bereich:	Normen:	Toleranz:	Auflösung:
Range:	Normas:	Tolerancia:	Resolución:
200÷1200	SAE, DIN, EN,	CCA <±10%,	1CCA
CCA	IEC, CA	Volt ± 0,1V	

BT 002

Cod. 04.003.08

158,00 €



TESTER BATTERIE 6-12V/
TEST IMPIANTO DI RICARICA E AVVIAMENTO 12-24V

BATTERY TESTER 6-12V/
CHARGING AND STARTING SYSTEM 12-24V TEST

TESTEUR DE BATTERIES 6-12V/
TEST DU SYSTEME DE RECHARGE ET DEMARRAGE 12-24V

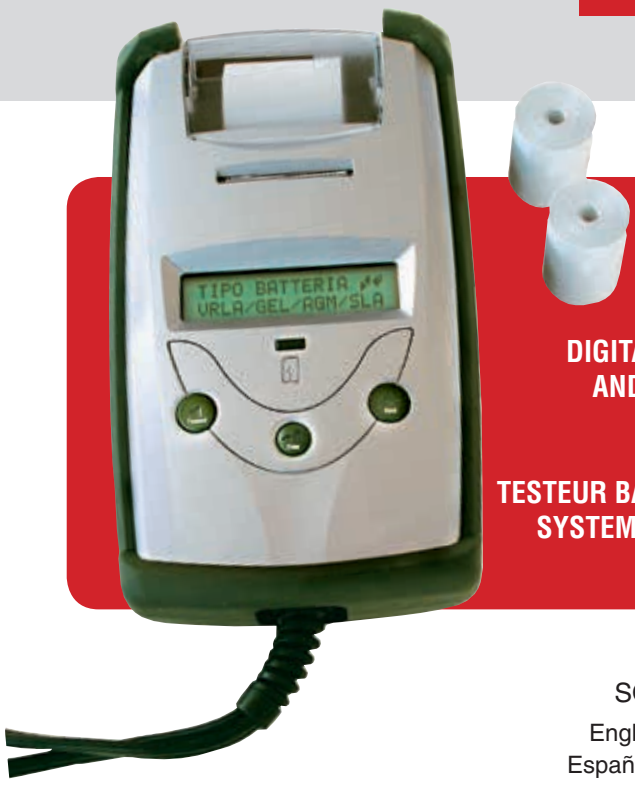
TESTER BATTERIEN 6-12V/
LADUNGS-UND STARTSYSTEM 12-24V

PRUEBA BATERÍAS 6-12V/
PRUEBA INSTALACIÓN DE RECARGA Y ARRANQUE 12-24V

Gamma:	Norme:	Tolleranza:	Risoluzione:
Range:	Norms:	Tolerance:	Risolution:
Gamme:	Normes:	Tolérance:	Résolution:
Bereich:	Normen:	Toleranz:	Auflösung:
Range:	Normas:	Tolerancia:	Resolución:
90÷2000	SAE, DIN, EN,	CCA <±5%,	1CCA
CCA (SAE)	IEC, JIS (Battery type nr.)	Volt ± 0,05V	

Software: English, Italiano, Español, Français, Português, Deutsch,

Applicazioni:	Applications:	Applications:	Anwendungsbereiche:	Aplicaciones:
batterie 6/12V impianti di ricarica/auto 12 e 24V	batteries 6/12V charging system/car 12 and 24V	batteries 6/12V systèmes de recharge 12 et 24V	6/12V Batterien Ladungssystem/ Auto 12 und 24V	baterías 6/12V instalaciones de recarga/coches 12 y 24V
Accessori standard: Protezione in gomma, valigetta in plastica	Standard accessories: Rubber protection, plastic case	Accessoires standard: Protection en caoutchouc et coffret en plastique	Standardzubehör: Gummischutz, Kunststoffkoffer	Accesorios estándar: Protección de goma, maletín de plástico



BT 501

Cod. 04.003.04

376,00 €

TESTER BATTERIE DIGITALE

ANALIZZATORE SISTEMA DI CARICA E AVVIAMENTO CON STAMPANTE

DIGITAL BATTERY TESTER/CHARGING AND STARTING SYSTEM ANALYSER WITH PRINTER

DIGITAL BATTERIE TESTER /ANALYSEGERÄT LADUNGS-UND STARTSYSTEM MIT DRUCKER

TESTEUR BATTERIES DIGITALE/ANALYZEUR SYSTEMES DE CHARGE ET DEMARRAGE AVEC IMPRIMANTE

TESTER BATERÍAS DIGITAL/ANALIZADOR INSTALACIÓN DE RECARGA Y ARRANQUE CON IMPRESORA

SOFTWARE

English, Italiano, Español, Français, Português, Deutsch, Russian

Gamma:
Range:
Gamme:
Bereich:
Range:
40÷2000
CCA (SAE)

Norme:
Norms:
Normes:
Normen:
Normas:
SAE, DIN, EN,
IEC, JIS
(Battery type nr.)

Tolleranza:
Tolerance:
Tolérance:
Toleranz:
Tolerancia:
CCA <±5%,
Volt ± 0,05V

Risoluzione:
Resolution:
Résolution:
Auflösung:
Resolución:
1CCA

Applicazioni
batterie 6/12V impianti di ricarica e avviamento 12 e 24V

Applications
batteries 6/12V charging and starting systems 12 and 24V

Applications
batteries 6/12V systèmes de charge et démarrage 12 et 24V

Anwendungsbereiche
6/12 V Batterien Ladungs-und Startsysteme 12 und 24 V

Aplicaciones:
baterías 6/12V instalaciones de recarga y arranque 12 y 24V



Cod. 05.081.03

100,00 €

Salvamemorie computer di bordo professionale. Professional auto computer memory minder. Système de sauvetage mémoire ordinateur de bord. Professioneller Bordcomputer Memory Saver Salvamemorias computadora de a bordo profesional.



Adattatore per Mercedes - Adapter for Mercedes Adaptateur pour Mercedes Adapter für Mercedes - Adaptador para Mercedes

OBD

Nuovo modello con batteria di 7 Ah
New model with 7 Ah battery
Nouveau modèle avec batterie 7 Ah
Neues Modell mit der Batterie 7 Ah
Nuevo modelo con batería 7 Ah

Permette di operare in sicurezza in caso di sostituzione della batteria dell'auto
Con cavetto per presa OBD, doppio accendisigari e presa con pinza rossa e nera (12 V)

Allows to operate in safety in case of the replacement of the car's battery
With the cable for the OBD-outlet, double lighter and the socket with the red and black claw (12 V)

Permet de opérer en sécurité en cas de remplacement de la batterie de la voiture
Avec cable pour prise OBD, double allume-cigares et prise avec pince rouge et noire (12V)

Im Fall vom Batteriewechsel in Sicherheit arbeiten
Mit dem OBD Kabel, Doppel-Zigarettenanzünder und die Steckdose mit der schwarzen und rossen Zange

Permite trabajar en seguridad en caso de sustitución de la batería del vehículo
Con cable para toma obd, doble encendedor de cigarras y toma con pinzas roja y negra (12V)

TESTER BATTERIE/ALTERNATORI con Stampante e Codici a Barre

DIGITAL BATTERY/CHARGING STARTING SYSTEM ANALYSER with printer

BREVETTATO/PATENTD IN

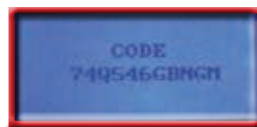
USA (US636957781)

TAIWAN (165571)

EUROPA (1314990)



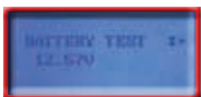
**RoHS
Compliant**



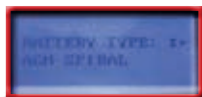
Test Code:
Input the Code number to the decode
Excel program for warranty control system



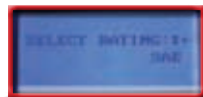
Decode Excel Program



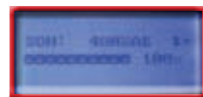
Application:
6V & 12V
Automotive Batteries



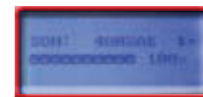
Battery Type:
a. Regular Liquid
b. AGM Flat Plate
c. AGM Spiral
d. VRLA/GEL



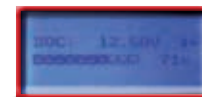
Norme / Global Battery
Rating:
SAE(CCA), EN, IEC,
DIN, JIS (Battery No.)



5 Test Results:
a. Good & Pass
b. Good & Recharge
c. Recharge & Retest
d. Bad & Replace
e. Bad Cell & Replace



SOH
(State of Health)



SOC
(State of Charge)



System Test:
12V & 24V
a. Starter Test
b. Charging Test

NUOVE FUNZIONI

10 lingue: italiano, inglese, francese, spagnolo, tedesco, portoghese, giapponese, cinese (T/S), russo e turco

Data/Ora

Contatore numero di test (Test counter)
per garanzie e controllo qualità

Codice a barre per rintracciabilità batterie (code 39)
indispensabile per gestione garanzie

Cavi di test sostituibili in caso di danneggiamento

Dimensioni: 251x130x64

Accessori: guscio antiurto, rotolo carta, 6 batterie 1.5

NEW FUNCTIONS

9 languages: Italian, English, French, Spanish, German, Portuguese, Japanese, Chinese (T/S), Russian, Turkey

Date/Time

Test counter for warranty or quality control

Bar code for the battery traceability (code 39)
indispensable for warranty management

Replaceable test cables in case of damage

Dimensions: 251x130x64

Accessories: shock-proof case, paper roll, 6 batteries 1.5

Applicazioni:

Applications:

Batterie 6/12V
impianti di carica e
avviamento 12 e 24V

Batteries 6/12
charging and starting
systems 12 and 24V

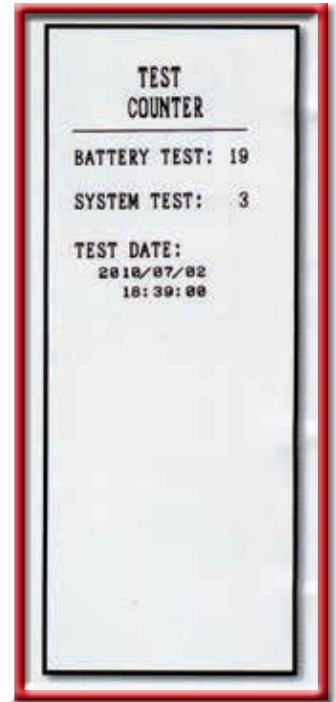
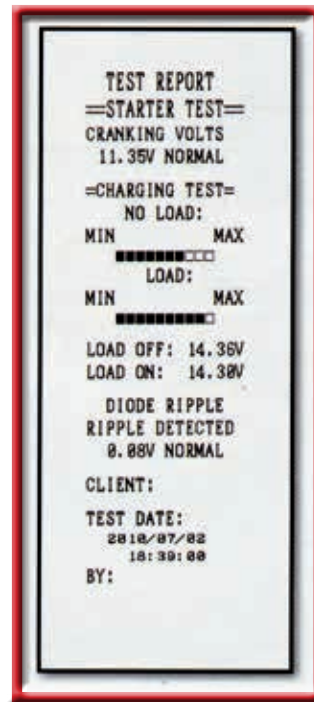
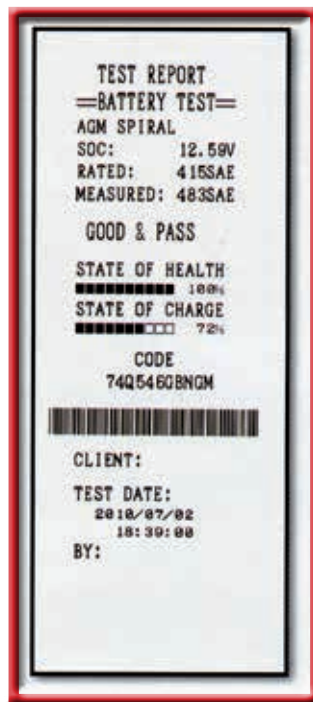


**NOUVEAU TESTEUR
DE BATTERIE ET ALTERNAEUR
avec imprimante et code a barresneue**

**BATTERIE UND
WECHSELSTROMGENERATORTESTER
mit druck und strichkode**

**NEUVO PROBADOR DE BATERIAS
con impresora y codigo de barras**

ANCHE PER BATTERIE
«START-STOP»
ALSO FOR «START-STOP» BATTERIES
AUSSI POUR PILES
"START-STOP"
AUCH FÜR DIE BATTERIEN
«START-STOP»
TAMBIÉN PARA BATERIAS
«START-STOP»



Applications:

Batteries 6/12V instalaciones sistemas de charge et demarrage 12 et 24V

Anwendungsbereiche:

6/12V impianti Batterien Ladungs und Starsysteme 12 und 24V

Aplicaciones:

Baterias 6/12V instalaciones de recarga y arranque 12 y 24V

NUOVELLES FONCTIONS

9 langues: Italien, Anglais, Francais, Espagnole, Allemand, Portugais, Japonais, Chinois (T/S)

Date/Heure

Compteur numéro de tests pour garanties ou contrôle de la qualité

Code à a barrespour la traçabilité des batteries (code 39) indispensable pour la gestion des garanties

Câbles remplaçables en cas de endommagement

Dimensions : 251x130x64

Accessoires : couverture antichoc, rouleau papier, 6 batteries 1.5V

NEUE FUNKTIONEN

9 Sprache : Italienisch, Englisch, Französisch, Spanisch, Deutsch, Portugiesisch, Japanisch, Chinesisch (T/S)

Datum/Uhr

Zählertest für Garantien oder Qualitätskontrolle

Strichkode für Batterieerreichbarkeit (code 39) unentbehrlich für Garantienkontrolle

Austauschbar Testkabel im Fall von Beschädigung

Dimensionen: 251x130x64

Zubehöre: schlagstoßfeste Schale, Papierrolle, 6 Batterien 1.5

NUEVAS CARACTERISTICAS

9 Idiomas: italiano, ingles, francés, español, alemán, portugués, japonés, chino (T/S)

Fecha/Hora

Contador número de pruebas (test counter) para garantías o controles de calidad

Código de barras para trazabilidad baterias (code 39) imprescindible para gestión garantías

Cables de prueba reemplazables en caso de danos

Dimensiones : 251x130x64

Accesorios : protección anticaída, rollo de papel, 6 baterias 1.5



CK 9
COD. 02.009.17

VASCHE LAVAGGIO AD ULTRASUONI SERIE CK-EXPORT
ULTRASONIC CLEANING TANKS CK-EXPORT
CUVES DE NETTOYAGE A ULTRASONS CK-EXPORT
ULTRASCHALLWASCHTANKS CK-EXPORT
TANQUES DE LAVADO DE ULTRASONIDOS CK-EXPORT

I CAMPI DI UTILIZZO:

- Laboratori di meccanica di precisione (lavaggio minuterie)
- Laboratori di elettronica per lavaggio circuiti stampati
- Autofficine e specialisti iniezione benzina e diesel per pulitura carburatori, elettroiniettori, piccola minuteria meccanica, indotti, statori ecc.
- Carrozzerie per pulizie pistole di verniciatura

FIELDS OF APPLICATION:

- Precision mechanics workshops
- Electronic laboratories for washing printed circuits
- Car repair shops and specialist shops for fuel and diesel injection parts and for cleaning carburetors, electric injectors, small mechanic parts, armatures, stators, etc.
- Workshops for painting guns cleaning

DOMAINE D'EMPLOI:

- Laboratoires mécaniques de précision (nettoyage minuterie)
- Laboratoires électroniques pour le nettoyage des circuits imprimés.
- Garages et usines spécialisées pour moteurs à injection essence et diesel pour nettoyage carburateurs, injecteurs électriques, minuterie mécanique, induits, stators, etc.
- Carrosseries pour le nettoyage de pistolets de peinture

EINSATZBEREICHE:

- Feinmechanikwerkstätten (Waschen von Kurzwaren)
- Elektronikwerkstätten zum Waschen von gedruckten Schaltungen
- Autowerkstätten und Fachtechnikwerkstätten für Benzin- und Dieseleinspritzung zur Reinigung von Vergasern, Elektroeinspritzventilen, mechanischen Kleinteilen, Ankern, Statoren usw.
- Karosseriewerkstätten zur Reinigung von Lacksprühpistolen

CAMPOS DE APLICACIÓN:

- Laboratorios de mecànica de precisiòn (lavado de partes pequeñas)
- Laboratorios de electrònica para lavado de circuitos impresos
- Talleres mecánicos y especialistas en instalaciones de inyección gasolina y diesel para limpieza carburadores, electroinyectores, pequeñas partes mecánicas, inducidos, estatores, etc.
- Talleres para la limpieza de pistolas de pintura

Mod. disponibili / Available mod. / Mod. disponibles / Verfügbare Mod. / Mod. disponibles	CK 2 Cod. 02.009.15	CK 3 02.009.13	CK 6 02.009.16	CK 9 02.009.17
Dimensioni vasca / Tank size (mm) / Dimensions cuve (mm) / Tankabmessungen (mm) / Dimensiones tanque (mm)	150x140x100	240x140x100	300x155x150	300x240x150
Dimensioni esterne (mm) / External size (mm) / Dimensions extérieures / Außenabmes- sungen (mm) / Dimensiones externas (mm.)	180x170x240	270x170x240	330x170x310	330x270x310
Capacità (lt.) / Tank capacity (lt.) / Capacité cuve (lt.) / Fassungsvermögen (lt.) / Capacidad (Lt.)	2	3	6	9,5
Potenza ultrasuoni / Ultrasound power (W) / Puissance ultrasons(W)/ Ultraschalleistung (W) / Potencia ultrasonidos (W)	60W	120W	180W	240W
Nr. Trasduttori / Encoders number / Numéro de Transducteurs / Nr. Wandler / Nr. Transductores	1	1	3	4
Frequenza standard (KHz) / Standard frequency (KHz) / Fréquences standard (KHz) / Standardfrequenz (KHz) / Frecuencia estándar (KHz)	40	40	40	40
Alimentazione / Supply / Alimentation / Speisung / Alimentaciòn	220 V 50/60 Hz	220 V 50/60 Hz	220 V 50/60 Hz	220 V 50/60 Hz
Potenza riscaldamento (W) / Heating power (W) / Puissance chauffage (W) / Heizleistung (W) / Potencia calentamiento (W)	100W	100W	300W	300W
Cestello / Basket / Panier / Gestell / Canastilla	-	√	√	√
Rubinetto di scarico / Discharge valve/ Valve doseuse /Dosierventil / válvula dosificadora	-	-	-	√
Prezzo di listino / List price / Tarif en vigueur / Listenpreis / Precio de lista	€ 240,00	€ 420,00	€ 690,00	€ 838,00

Cod. 04.036.02

252,00 €

Dispositivo per il test dei regolatori degli alternatori Magneti Marelli / Ford

Device for testing Magneti Marelli / Ford alternators' regulator



provisory images

- ✓ Simula il funzionamento della centralina CPU del veicolo e permette un rapido e sicuro test del regolatore;
- ✓ Dotato di switch per operare in modalità standard (STD) o segnale (SIG), ha due spie luminose: una rossa (L) per regolatori standard e una verde (FR) per regolatori di segnale;
- ✓ Spia rossa: nessuna carica;
- ✓ Spia verde: indica che il terminale (FR) carica correttamente;
- ✓ Selezione della tensione di regolazione del test 13,5 e 14,5V;
- ✓ Tensione funzionamento: 12V DC (da banchetto).
- ✓ It simulates the functioning of the vehicle's CPU unit and it allows to perform a rapid and safe test on the regulator;
- ✓ Equipped with a switch for being able to work in standard (STD) or signal (SIG) modality, it has two warning lights: a red one (L) for standard regulators and a green one (FR) for signal regulators;
- ✓ Red light: no charge;
- ✓ Green light: it shows whether the device (FR) is being charged correctly or not;
- ✓ Possibility to regulate the potential difference of the test choosing between 13,5 and 14,5V;
- ✓ Working potential difference: 12V DC (from the bench).

Cod. 04.036.01

648,00 €

DISPOSITIVO PER IL TEST DEI REGOLATORI DEGLI ALTERNATORI CON DFM (ES. VW/AUDI-MERCEDES)

DEVICE FOR TESTING REGULATORS OF ALTERNATORS WITH DFM (EX. VW/AUDI-MERCEDES)

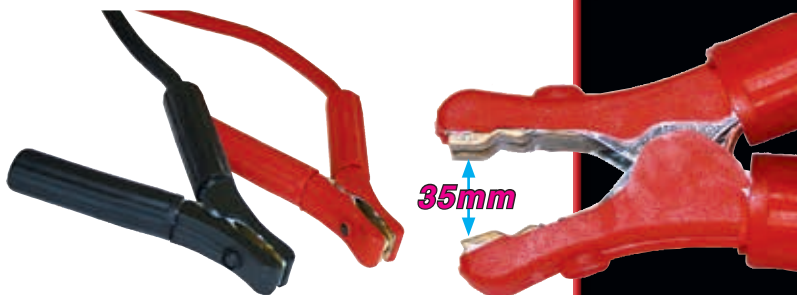


provisory images

- Dotato di selettore per la selezione del sistema LIN o BSS;
- Selezione della tensione di regolazione del test: 14.1, 14.6, 15.3;
- Fornito con tre spine per il collegamento degli alternatori;
- Tensione funzionamento 12V DC (da banchetto);
- Da usarsi coi banchetti Spin dotati di inverter.
- Selector for choosing the working system LIN or BSS
- Possibility to regulate the potential difference of the test: 14.1, 14.6, 15.3;
- Equipped with three plugs for connection to alternators;
- Working potential difference 12V DC (from the bench);
- To be used with Spin benches equipped with inverters.

Necessario un voltmetro (DC) per la verifica del segnale DFM attraverso l'apposita boccia gialla presente sul dispositivo. Il test permette di verificare se il regolatore è in grado di ricevere ed elaborare un segnale proveniente dalla centralina.

A voltmeter (DC) is needed to test the DFM signal through the appropriate yellow bushing on the device. The test allows to verify whether or not the regulator can receive and regulate a signal coming from the unit.



Pinze professionali 1000A isolate per batterie auto/camion

Professional pliers 1000A insulated for batteries of cars and trucks

COD.	DESCRIZIONE / DESCRIPTION	PREZZO LISTINO UNITARIO LIST PRICE PER UNIT	NR. PEZZI PER CONFEZIONE NO. UNITS PER PACKAGE
05.100.00	PINZA ROSSA / RED PLIERS 1000A	9,00 €	10
05.100.01	PINZA NERA / BLACK PLIERS 1000A	9,00 €	10

- | | |
|-------------------------------------------------------------------------|------------------------------------------------------------------|
| Completamente isolata | Fully insulated |
| Terminali in bronzo (maggiore superficie di contatto sul polo batteria) | Terminals of bronze (bigger contact surface on the battery pole) |
| Ampia apertura: max. 35mm | Great opening: max. 35mm |
| Treccia in rame | Copper braid |
| Minimo ingombro | Space-saving |



Art. 013.4 EVO

Cod. 04.012.02

P.A.R.€

**CONTAGIRI
MOTORE BENZINA E DIESEL**

**UNIVERSAL REV. COUNTER FOR FUEL
AND DIESEL ENGINES**

**COMPTE-TOURS UNIVERSEL MOTEURS
ESSENCE ET DIESEL**

**ALLGEMEINER DREHZAHLMESSER
BENZIN UND DIESEL MOTORE**

**CUENTARREVOLUCIONES
UNIVERSAL MOTORES
GASOLINA-DIESEL**



VERSATILE: PUÒ ESSERE USATO
SIA COME CONTAGIRI INDIPENDENTE
SIA COME ACCESSORIO COLLEGATO
ALLA MAGGIOR PARTE
DI ANALIZZATORI GAS E OPACIMETRI
PRESENTI SUL MERCATO.
ESSENZIALE PER ACCENSIONI
STATICHE E IN MANCANZA DI
CAVI CANDELA.

VERSATILE: IT CAN BE USED EITHER
AS INDEPENDENT REV COUNTER
OR AS AN ACCESSORY FOR A VERY
LARGE RANGE OF GAS ANALYZERS
AND SMOKE-METERS. ESSENTIAL FOR
DIS IGNITIONS AND FOR ENGINES
WITHOUT SPARK PLUG CABLES.
HOMOLOGATED ACCORDING TO
ITALIAN LAW D.M. 628

IL PEUT ÊTRE UTILISÉ SOI COMME
COMPTE-TOURS INDÉPENDANT OU
BRANCHÉ À LA PLUS PART DES
ANALYSEUR ET OPACIMÈTRES. C'EST
NÉCESSAIRE POUR LES ALLUMAGES
STATIQUES ET SANS LES CÂBLES
BOUGIE.
HOMOLOGUÉ DM 628

VIELSEITIG. VERWENDUNG
SOWOHL ALS UNABHÄNGIGER
DREHZAHLMESSER ODER AUCH
VERBUNDEN MIT DEN MEISTEN
HERKÖMMLICHEN ANALYSATOREN
UND UN DURCHSICHTIGKEITSMES-
SERN. UNERLÄSSLICH FÜR STATISCHE
ZÜNDUNGEN UND BEIM FEHLEN
VON ZÜNDKERZENKABELN.

VERSÁTIL: PUEDE SER UTILIZADO
COMO CUENTARREVOLUCIONES
INDEPENDENTE O CONECTADO CON
LA MAYORÍA DE LOS ANALIZADORES
Y OPACÍMETROS PRESENTES EN EL
MERCADO. INDISPENSABLE PARA
ENCENDIDOS ESTÁTICOS Y CUANDO
FALTAN LOS DOS CABLES BUJÍAS.
HOMOLOGADO DM 628.

APPLICAZIONI

- Linee di revisione auto e autocarri
- Settore moto
- Motori marini
- Generatori di corrente
- Moto compressori
- Autocarri/macchine agricole

INCLUSI

Corredo Standard AC1
Cavo alimentazione batteria
AC2 Cavo con sensore magnetico
AC3 Cavo seriale per opacimetro

**CARATTERISTICHE
TECNICHE**

- Trasmissione contagiri via seriale RS232/485
- Uscita impulso frequenza giri tramite cavi accessori
- Uscita impulso frequenza giri per pinze ad introduzione
- Selezione numero dei cilindri (1-8)
- Selezione tempi (2-4)
- Alimentazione da 10 a 28 Volt CC (batteria del veicolo)
- Dimensioni: 220x50x110mm
- Campo di misura: da 300 a 9990 giri/min Ris. 10

APPLICATIONS

- Testing lines for cars and trucks
- Testing lines for motorcycles
- Marine fuel and diesel engines
- Current generators
- Engine compressors
- Truck and agricultural tractors

STANDARD EQUIPMENT

AC1 power cable from battery
AC2 magnetic pick-up cable
AC3 cable for diesel adapter

**TECHNICAL
SPECIFICATIONS**

- RS 232/485 serial output for p.C.
- Rev. counter for diesel engines
- Rev. counter for fuel engines (with pick up clamp)
- Nr. of cylinder selector (1-8)
- 2-4 cycles selector
- Power supply form 10-28 Volt DC
- Dimensions: 220x50x110
- Measurement range: 300-999 r.p.m. Ris. 10

APPLIANCES

- Lignes révision voitures et camions
- Motorcycles
- Moteurs marins
- Générateurs de courant
- Moto-compresseurs
- Camions: machines agricoles

EQUIPMENT STANDARD

AC1 cable batteries
AC2 senseur magnetique
AC3 cable seriel pour opacimetre

**CARACTÉRISTIQUES
TECHNIQUES**

- Transmission valeur compte-tours par port sériel RS232/485
- Sortie impulse fréquence tours par câbles accessoires
- Sortie impulse fréquence tours pour pinces à induction;
- Sélection nombre des cylindres (1-8)
- Sélection temps (2-4)
- Alimentation de 10 à 28v c.c. (Batteries du véhicule)
- Dimensions 220x50x110mm
- Champ de mesure: de 300 à 9990 tours/min. Rs. 10

ANWENDUNGSBEREICHE

- PKW- und LKW - Revisionslinien
- Bewegungssektor
- Bootsmotore
- Stromerzeuger
- Kompressormotore
- LKW/ Landbaumaschinen

STANDARDZUBEHÖR

AC1 Speisekabel
AC2 Kabel für magnetsensor
AC3 Universalkabel für impulsausgang

**TECNISCHE
DATEN**

- Drehzahlmesserwertübertragung über Schnittstelle RS232/485
- Frequenzimpulsausgang umdrehungen mittels Zubehuorkabel
- Frequenzimpulsausgang umdrehungen mittels Induktionszangen
- Nummerauswahl der Zylinder(1-8)
- Zeitwahl (2-4)
- Versorgung von 10 bis 29 V CC (Autobatterie)
- Abmessungen: 220x50x110mm
- Messungsbereich: von 300 bis 9990 Umdr/min

APLICACIONES

- Lineas de revision coches y camiones
- Sector motos
- Motores marinos
- Generadores de corriente
- Moto compresores
- Camiones, Mâquinas agricolas

ACCESORIOS ESTÁNDAR

AC1 CABLES BATERIA
AC2 SENSOR MAGNÉTICO
AC3 CABLE SALIDA IMPULSOS

**CARACTERÍSTICAS
TÉCNICAS**

- Transmisión valorcuente-revoluciones via serial RS232/485
- Salida impulso frecuencia revoluciones a través de cables accesorios
- Salida impulso frecuencia revoluciones a través de las pinzas de inducción
- Selección número de los cilindros(1-8)
- Selección tiempos (2-4)
- Alimentación de 10 a 28 Voltios CC (bateria del vehículo)
- Dimensiones 220x50x110 mm
- Campo de medición: dc 300 a 9990 rev/min Res. 10



CONVERTITORI DC/AC

DC/AC CONVERTERS

Cod. 03.050.00

48,00€

Cod. 03.050.02

240,00€

COSA SONO

Dispositivi elettronici per produrre corrente alternata alimentandosi da batterie ad acido di auto e camion.

COSA SERVONO

Ad alimentare piccoli elettrodomestici, elettro-utensili, lampade, televisori, apparecchiature elettroniche, computer, forni a microonde, cellulari, pompe elettriche ecc.

SETTORE DI IMPIEGO

Uso privato, camper, furgoni attrezzati, ambulanti, protezione civile, allestimenti auto-ambulanze, settore allestimenti nautici

WHAT ARE THEY?

Electronic devices for producing alternate current from vehicles / trucks's batteries.

WHAT ARE THEY GOOD FOR?

To supply little electrical household appliances, electrical tools, lamps, televisions, diagnosis devices, computers, microwave ovens, mobile phones, electrical pumps etc.

USING SECTORS

Private use, camper, service vans, trader's vehicles, civil protection, furnishing of ambulance cars, nautical furnishing section.

Modelli di maggior potenza disponibili a richiesta

More powerful models available on request

CARATTERISTICHE TECNICHE TECHNICAL FEATURES	Modelli / Models	
	IHS200 cod. 03.050.00	IHS1200 cod. 03.050.02
Potenza resa continua Continuous Power	200 W 12 V DC	1200 W 12 V DC
Potenza di picco / Peak power	500 W	3000 W
Forma d'onda / Wave form	Sinusoid. Mod.	Sinusoid. Mod.
Efficienza / Efficiency	> 85%	> 85%
Assorb. senza carico / Absorp. without charge	0,3 A	1,0 A
Protezione contro corto circuito / Protection against short circuit	Si / Yes	Si / Yes
Soft start	Si / Yes	Si / Yes
Protezione sovratensione / Protection against over voltage	Si / Yes	Si / Yes
Raffreddamento a ventola / Cooling via fan	No	No
Spia allarme basso voltaggio / Alarm light low voltage	10,5 V +/- 0,5	10,5 V +/- 0,5
Interruzione alimentazione di batteria / Interruption of battery supply	Si / Yes	Si / Yes
Protezione contro inversione di polarità Protection against reverse polarity	Si / Yes	Si / Yes
Dimensioni mm / Peso Kg. Dimensions mm / Weight Kg.	192x95,6x64,53 0,834	300x205x78 3,250
Hi-pot	Si / Yes	Si / Yes
Protezione per forno a microonde Protection for microwave ovens	No	No
Optional / Facultatif		

COMPRESSORI D'ARIA A 12V 12 V AIR COMPRESSORS

Cod. 03.000.42

76,00€



Compressore d'aria 12 V 30 A, massima pressione 10,3 Bar
Idoneo per vetture, camper e furgoni

12 V 30 A air compressore, maximum pressure 10.3 Bar
Suitable for cars, camping vans and commercial vans

NEW

Cod. 05.096.03

10,00€



Voltmetro digitale da auto Digital voltmeter for vehicles

Permette un controllo costante dello stato della batteria
attraverso la presa accendisigari
Confezione in blister

It allows to check constantly on the battery status through
the cigar lighter socket
Supplied in blister package

**CAVI DI SOCCORSO
BOOSTER CABLES**



Cod. 05.060.01

18,00€

05.060.01



220A

Sezione Section	Lunghezza Length	Uso Application	Norme Norms
16mm ²	3mt	Auto Cars	TÜV GS CE
25mm ²	3,5mt	Auto camper veicoli commerciali Cars campers commercial vehicles	TÜV GS CE
35mm ²	4,5mt	Auto camper veicoli commerciali autocarri Cars campers commercial vehicles trucks	TÜV GS CE
50mm ²	5mt	Movimento terra autocarri / bus Earth-moving machines trucks / buses	CE

Cod. 05.060.02

28,00€

05.060.02



350A

Cod. 05.060.03

44,00€

05.060.03



480A

Cod. 05.060.04

148,00€

05.060.04



1000A

Cod. 05.060.00

48,00€

EVERSMART



**CAVO DI SOCCORSO ELETTRONICO
PROTETTO CONTRO INVERSIONI E CORTI CIRCUITI
(BREVETTATO) CONFORME NORMATIVA CE e SAE.**

**INTELLIGENT BOOSTER CABLE AGAINST INVERSIONS
AND SHORT CIRCUITS (PATENTED).
IN CONFORMITY WITH CE AND SAE STANDARDS.**

**CABLE D'EMERGENCE CONTRE INVERSIONS ET
COURT-CIRCUITS (PATENTE).
CONFORME AUX NORMES CE ET SAE.**

**ELEKTRONISCHES HILFSKABEL, MIT SCHUTZ VOR
UMPOLUNGEN UND KURZSCHLUSS (PATENTGESCHÜTZT).
DEN CE UND SAE-VORSCHRIFTEN ENTSPRECHEND**

**CABLE DE SOCORRO ELECTRÓNICO PROTEGIDO CONTRA LAS INVERSIONES DE POLARIDAD
Y LOS CORTOCIRCUITOS (CON PATENTE) DE CONFORMIDAD CON LAS NORMATIVAS CE Y SAE**

Cod. 05.102.02

29,60€

Borsa portautensili con 82 utensili

Bag with 82 tools



- Modello in tessuto ad alta resistenza
- 2 vani laterali porta utensili
- Dimensioni: 42x38x47 cm

- Model with highly resistant fabric
- 2 side pockets for tools
- Dimensions: 42x38x47 cm



Cod. 05.097.00

89,00 €



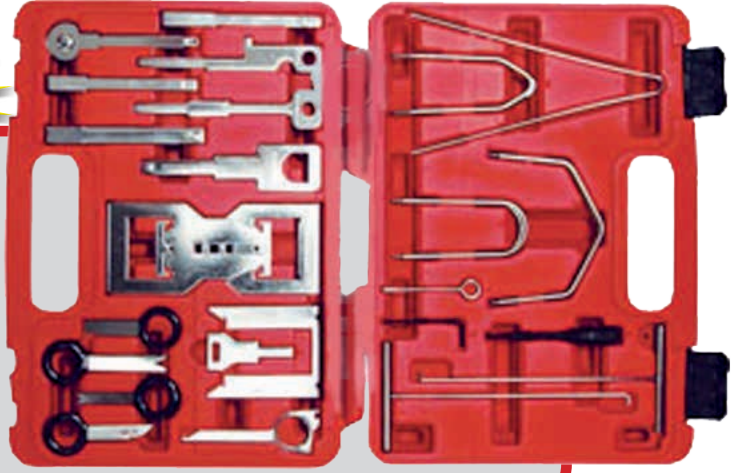
KIT RIMOZIONE IMPIANTI RADIO (46 PZ.)

RADIO REMOVAL TOOL SET (46 PCS.)

KIT OUTILS POUR LE DÉMONTAGE DE RADIOS (46 PCS.)

KIT ZUM AUSBAU DER RADIOANLAGE (46 STCK.)

KIT DE HERRAMIENTAS PARA REMOVER INSTALACIONES RADIO (46 PZAS.)



- AUDI, BECKER, BECKER (dal 2002), BLAUPUNKT (dal 2002), BMW, CLARION (vecchi modelli), CLARION (nuovi modelli), FIAT BRAVA, FORD, JVC, KENWOOD 2 (1998-2001), MERCEDES BENZ, OPEL-INBUS, PANASONIC, PANASONIC (2006), PIONEER, PORSCHE, RK-KENWOOD 01, SKODA (DAL 2002), SONY I (2001), SONY II (2002), AUXHALL/OPEL, VW

- AUDI, BECKER, BECKER (2002 ON), BLAUPUNKT (2002 ON), BMW, CLARION (OLD), CLARION (NEW), FIAT BRAVA, FORD, JVC, KENWOOD 2 (1998-2001), MERCEDES BENZ, OPEL-INBUS, PANASONIC, PANASONIC (2006), PIONEER, PORSCHE, RK-KENWOOD 01, SKODA (2002 ON), SONY I (2001), SONY II (2002), AUXHALL/OPEL, VW

- AUDI, BECKER, BECKER (DEPUIS 2002), BLAUPUNKT (DEPUIS 2002), BMW, CLARION (VIEUX MODÈLES), CLARION (NEUF MODÈLES), FIAT BRAVA, FORD, JVC, KENWOOD 2 (1998-2001), MERCEDES BENZ, OPEL-INBUS, PANASONIC, PANASONIC (2006), PIONEER, PORSCHE, RK-KENWOOD 01, SKODA (DEPUIS 2002), SONY I (2001), SONY II (2002), AUXHALL/OPEL, VW

- AUDI, BECKER, BECKER (ab 2002), BLAUPUNKT (ab 2002), BMW, CLARION (alte Modelle), CLARION (neue Modelle), FIAT BRAVA, FORD, JVC, KENWOOD 2 (1998-2001), MERCEDES BENZ, OPEL-INBUS, PANASONIC, PANASONIC (2006), PIONEER, PORSCHE, RK-KENWOOD 01, SKODA (ab 2002), SONY I (2001), SONY II (2002), AUXHALL/OPEL, VW

- AUDI, BECKER, BECKER (a partir de 2002), BLAUPUNKT (a partir de 2002), BMW, CLARION (viejos modelos), CLARION (nuevos modelos), FIAT BRAVA, FORD, JVC, KENWOOD 2 (1998-2001), MERCEDES BENZ, OPEL-INBUS, PANASONIC, PANASONIC (2006), PIONEER, PORSCHE, RK-KENWOOD 01, SKODA (A PARTIR DE 2002), SONY I (2001), SONY II (2002), AUXHALL/OPEL, VW

Cod. 05.062.00

110,00 €

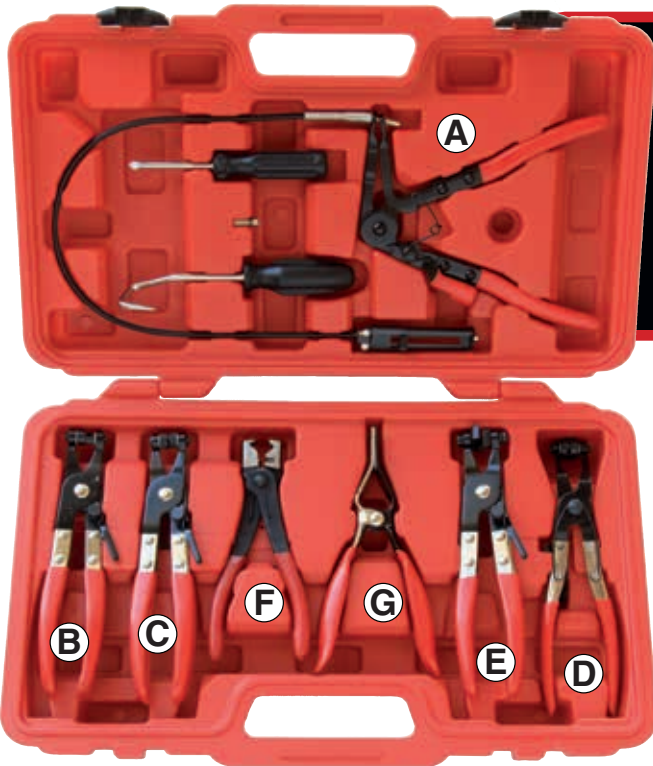
KIT DI 7 PINZE SMONTAGGIO FASCETTE PER TUBI

KIT OF 7 HOSE CLAMP PLIERS

KIT 7 PINCES DEMONTAGE COLLIERS DE TUYAUX

KIT 7 ZANGEN ZUR SCHELLENDEMONTAGE

KIT DE 7 ALICATES PARA DESMONTAR ABRAZADERAS TUBOS



Cod. WZRIC0287

22,00 €



- A) Pinza smontaggio fascette Ø18-54mm in posti di difficile accesso con bloccaggio della fascetta
- B) Pinza per fascette tipo "+" SLOT con cricchetto
- C) Pinza per fascette tipo "V" SLOT con cricchetto
- D) Pinza per fascetta inclinata con piatti rotanti
- E) Pinza per fascette tipo VWagen con cricchetto
- F) Pinza per fascette riusabili "CLIC" e "CLIC R"
- G) Pinza per smontaggio tubi benzina e vuoti (da 5/32" a 1/2")

- A) Hose clamp pliers Ø18-54mm for place of difficult access with pliers locking
- B) Hose clamp pliers type "+" SLOT with swivel jaw
- C) Hose clamp pliers type "V" SLOT with swivel jaw
- D) Angled flat band hose clamp pliers
- E) Hose clamp pliers type VWagen with swivel jaw
- F) Reusable hose clamp pliers "CLIC" and "CLIC R"
- G) Fuel and vacuum hose remover pliers (starting with 5/32" up to 1/2")

- A) Pince démontage colliers Ø18-54mm en points de difficile accès avec blocage des colliers
- B) Pince pour colliers type "+" SLOT avec rochet
- C) Pince pour colliers type V SLOT avec rochet
- D) Pince pour colliers inclinée avec plates rotatives
- E) Pince pour colliers type VWagen avec rochet
- F) Pince pour colliers réutilisables "CLIC" et "CLIC R"
- G) Pince pour démontage tuyaux essence et tuyaux vide (de 5/32" à 1/2")

- A) Schellendmontagezange Ø18-54mm für schwerzugängliche Stellen mit Blockierung der Schelle
- B) Schellenzange Typ "+" SLOT mit Winde
- C) Schellenzange Typ "V" SLOT mit Winde
- D) Zange für gebogene Schelle mit Drehplatten
- E) Schellenzange Typ VW mit Winde
- F) Zange für wiederverwendbare Schellen "CLIC" und "CLIC R"
- G) Zange zur Demontage von Benzin und Vakuum Leitungen (von 5/32" bis 1/2")

- A) Alicates para desmontar abrazaderas Ø18-54mm en zonas de acceso difícil con bloqueo de la abrazadera
- B) Alicates para abrazaderas tipo "+" SLOT con carraca
- C) Alicates para abrazaderas tipo "V" SLOT con carraca
- D) Alicates para abrazaderas inclinada con mesas giratorias
- E) Alicates para abrazaderas tipo VWagen con carraca
- F) Alicates para abrazaderas reutilizables "CLIC" y "CLIC R"
- G) Alicates para desmontar tubos gasolina y vacíos (desde 5/32" hasta 1/2")

035

Cod. 04.031.00

436,00 €



**PISTOLA STROBOSCOPICA DIGITALE
a 4 funzioni**

MULTIFUNCTIONS DIGITAL STROBO GUN FOR FUEL ENGINE
LAMPE STROBOSCOPIQUE DIGITALE POUR MOTEUR A ESSENCE

DIGITALE MULTIFUNKTIONS-STROBOSKOPPISTOLE
FÜR VERBRENNUNGSMOTORE

PISTOLA ESTROBOSCÒPICA DIGITAL
con 4 funciones (gasolina)

- R.P.M. (9999 r.p.m.)
- Dwell (%)
- Anticipo (°)
- Volt (99,9 V)
- Dati tecnici vetture
- Valigetta di trasporto

- R.P.M. (9999 r.p.m.)
- Dwell (%)
- Advance (°)
- Volt DC (99,9 V)
- Case and hand book

- Tours moteur jusqu'à 10.000
- Dwell (%)
- Avance (0÷99,9°)
- Volt (99,9 V)
- Données technique voiture
- Mallette en ABS

- Drehzahl: 9999
- Dwell (%)
- Vorleistung (°)
- Volt DC (99,9 V)
- Technische Daten des Fahrzeuges
- ABS-Koffer t/min

- R.P.M. (9999 r.p.m.)
- Dwell (%)
- Advance (°)
- Voltios (99,9 V)
- Datos técnicos vehiculos
- Maletín in ABS

035.1

Cod. 04.034.00

360,00 €

ADATTATORE DIESEL UNIVERSALE (12DC)

per rilievo giri e anticipo di impianti di iniezione diesel.
Sensore piezoelettrico Ø6mm incluso. Altre misure a richiesta.

Universal diesel adapter (12DC)

to test rpm and advance of diesel injection systems.
Piezoelectric sensor Ø6mm included, it is possible to have other diameters on request.

Adaptateur diesel universel (12DC)

pour le relèvement des tours et avance des systèmes d'injection diesel.

Senseur piézo-électrique Ø6mm inclus. Autres mesures sur demande.



Universal Diesel Adapter (12DC)

für Drehzahltest und Versteller von Dieseleinspritzanlagen.
Piezoelektrischer Sensor Ø6mm inbegriffen. Sonstige Abmessungen auf Anfrage.

Adaptador universal diesel (12DC)

para testar las revoluciones y el avance de las instalaciones de inyección diesel.

Sensor piezoelectrico Ø6mm incluido, otros tananõs disponibles bajo pedido.



035/95

Cod. 04.033.00

840,00 €



**PISTOLA STROBOSCOPICA
BENZINA E DIESEL**

TIMING LIGHT FOR PETROL
AND DIESEL ENGINES

LAMPE STROBOSCOPIQUE
ESSENCE ET DIESEL

STROBOSKOPPISTOLE
BENZIN UND DIESEL

PISTOLA ESTROBOSCÒPICA
GASOLINA Y DIESEL

5 Funzioni Benzina
2 Funzioni DIESEL:

- RPM (300 + 9.990 RPM)
- DWELL (20 ÷ 99,9°)
- VOLT (0,1 - 60 V)
- VOLT PICCO (0,1 - 60 V)
- ANTICIPO (0,1÷99,9°)
- RPM DIESEL
- ANTIC. DIESEL

5 Functions petrol
2 functions for diesel:

- RPM (300 + 9.990 RPM)
- DWELL (20 ÷ 99,9°)
- VOLT (0,1 - 60 V)
- VOLT PEAK (0,1 - 60 V)
- ADVANCE (0,1÷99,9°)
- RPM DIESEL
- ADVANCE DIESEL

5 Fonctions Essence
2 Fonctions DIESEL:

- RPM (300 + 9.990 RPM)
- DWELL (20 ÷ 99,9°)
- VOLT (0,1 - 60 V)
- VOLT DE PIQUE (0,1 - 60 V)
- AVANCE (0,1÷99,9°)
- RPM DIESEL
- AVANCE DIESEL

5 Funktionen Benzin
2 Funktionen DIESEL:

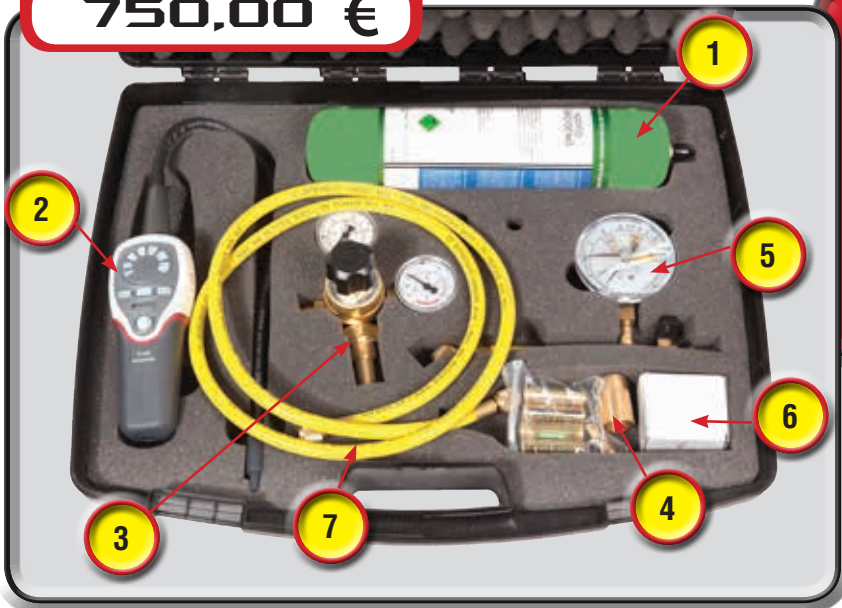
- RPM (300 + 9.990 RPM)
- DWELL (20 ÷ 99,9°)
- VOLT (0,1 - 60 V)
- VOLT SPITZE (0,1 - 60 V)
- VERSTELLER (0,1÷99,9°)
- RPM DIESEL
- VERST. DIESEL

5 funciones gasolina
2 funciones Diesel:

- GPM (300+9.990 GPM)
- Dwell (20÷99,9°)
- Voltios (0,1 - 60V)
- Voltios Pico (0,1 - 60 v)
- Avance (0,1 99,9°)
- GPM Diesel
- Avance Diesel

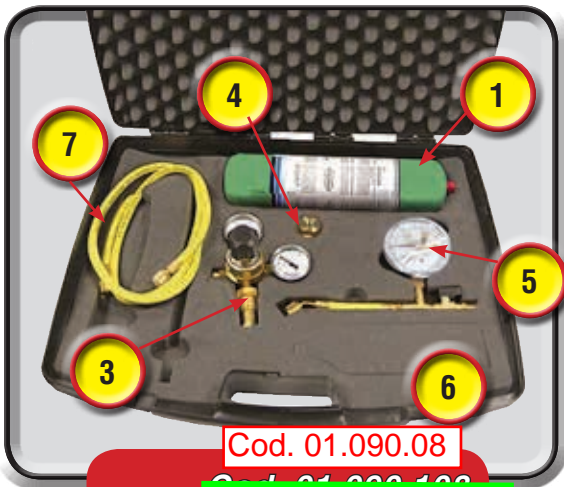
Cod. 01.000.201

750,00 €



Kit cercafughe per impianti A/C e refrigerazione con miscela N2-H2 (95%/5%) e cercafughe elettronico per H2

Leak detector kit for A/C and refrigeration systems with a N2-H2 mix (95%/5%) and electronic H2 leak detector



Cod. 01.090.08

~~Cod. 01.090.100~~
340,00 €



Cod. 01.090.07
40,00 €



Cod. 01.000.202

410,00 €

Cercafughe Elettronico H2 sensibilità 2gr./annuo
Electronic H2 Leak detector Sensitivity 2gr./yearly
Detecteur de fuites H2 electronique Sensibilité 2gr./annuel
Elektronisches Lecksuchgerät H2 Genauigkeit 2 g/Jahr
Detector de fugas electronico de H2 Sensibilidad 2gr./anual

Il kit include:

1. Bombola per 950cc N2-H2
2. Cercafughe per H2 (2gr./annuo)
3. Regolatore di pressione (300 bar)
4. Riduttore per bombola
5. Manometro doppia scala
6. Raccordo LP R134a
7. Tubo di collegamento

The kit includes:

1. 950cc N2-H2 tank
2. Leak detector for H2 (2gr./yearly)
3. Pressure regulator (300 bars)
4. Tank adaptor
5. Double scale gauge
6. LP R134a coupling
7. Connection hose

Le kit comprend:

1. Réservoir 950cc N2-H2
2. Détecteur de fuites pour H2 (2gr./annuel)
3. Régulateur de pression (300 bars)
4. Adaptateur de réservoir
5. Manomètre à double échelle
6. Couplage LP R134a
7. Tuyau de raccordement

Das Kit enthält:

1. Flasche 950cc N2-H2
2. Lecksuchgerät für H2
3. Druckregler (300 bar)
4. Adapter für die Flasche
5. Druckmesser Doppelskala
6. Niederdruck Adapter R134a
7. Verbindungsschlauch

El kit incluye:

1. Tanque de 950cc N2-H2
2. Detector de fugas de H2 (2gr./anual)
3. Regulador de presión (300 bares)
4. Adaptador del tanque
5. Calibre Doble escala
6. Acoplamiento BP R134a
7. Manguera de conexión



Cod. 01.000.25
210,00 €

**CERCAFUGHE PER GAS INFIAMMABILI
IMPIANTI GAS**

Assistenza impianti GPL/metano auto e civili

**DÉTECTEUR DE FUITES
POUR GAZ INFLAMMABLE
(SYSTÈME GPL)**

Service sur systèmes
GPL/méthane automobiles et civiles

**LECKSUCHER FÜR
ENTFLAMMBARE GASE
(GASANLAGEN)**

Service für Industrie und Auto
GPL/Methan Anlagen

**LEAKSEEKER FOR
INFLAMMABLE GASES**

assistance for car and industrial
GPL/methane systems

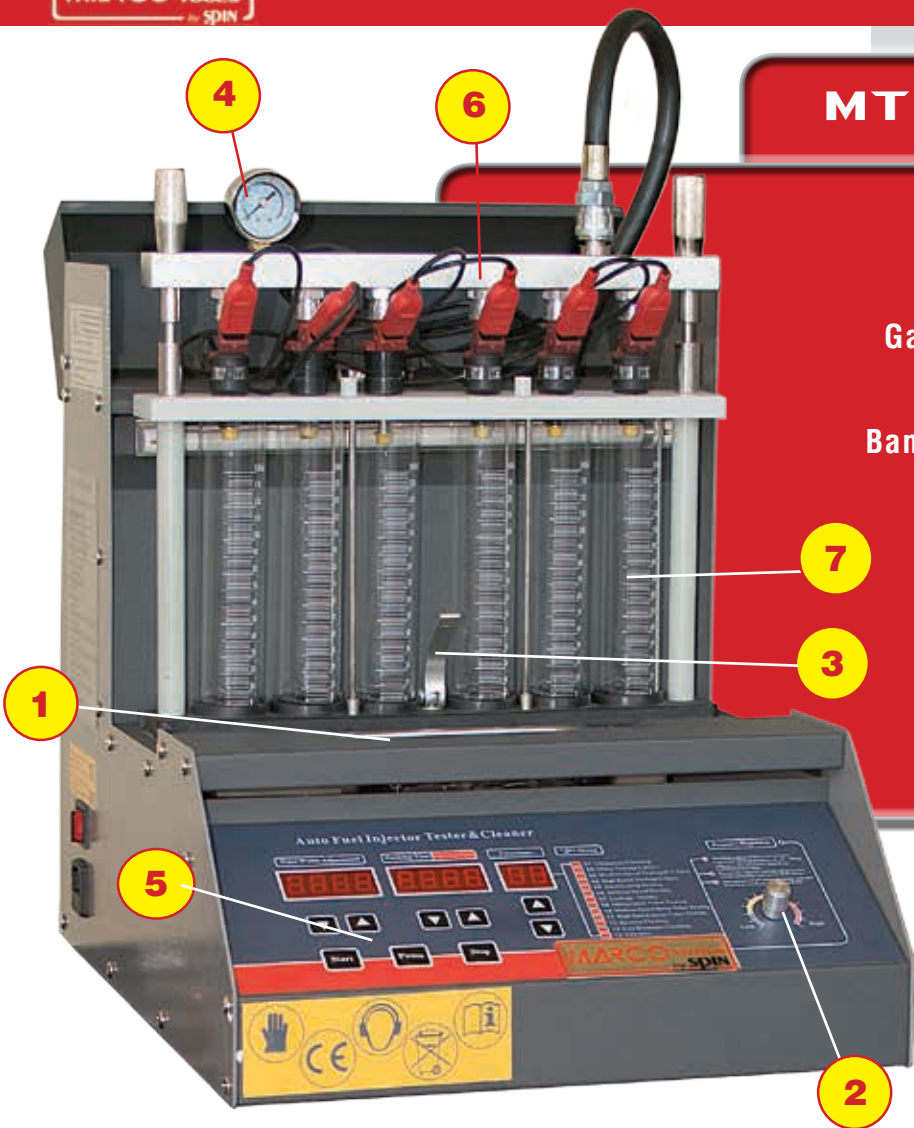
**BUSCAFUGAS
PARA GASES INFLAMABLES
(INSTALACIONES GAS)**

Asistencia para instalaciones
GPL/metano de coches y civiles

MT 7

Cod. 02.017.00

P.A.R. €



Banco Prova iniettori benzina con vasca ad ultrasuoni incorporata (6 iniettori)

Gasoline injector test bench with ultra-sound tank integrated (6 injectors)

Banc essai injecteurs essence avec machine à ultrasons incorporée (6 injecteurs)

Prüfstand für Benzin-Einspritzventile mit integriertem Ultraschall Becken (6 Einspritzventile)

Banco Prueba para inyectores de gasolina con cuba de ultrasonidos integrada (6 inyectores)



Carrello / Trolley 02.017.01 € P.A.R.

Possibilità di provare iniettori Mono e Multipoint (TBI/MPFI) e metano

It can test the following types of injectors:
Mono and Multipoint (TBI/MPFI) and methane

Möglichkeit zu prüfen Mono- und Multipointinjektoren
(TBI/MPFI) und Methan

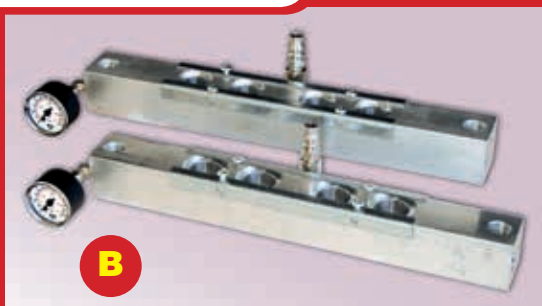
Possibilité de tester injecteurs
Mono et Multipoint (TBI/MPFI) et méthane

Posibilidad de probar inyectores
Mono y Multipoint (TBI/MPFI) y metano

- | | | | | |
|---------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1. Vasca ultrasuoni | 1. Ultrasonic tank | 1. Bac à ultrasons | 1. Ultraschallwaschtank | 1. Cuba de ultrasonidos |
| 2. Regolatore elettrico pressione di prova | 2. Electric regulator of test pressure | 2. Régulateur électrique de la pression d'essai | 2. Elektrischer Regler Probe Druck | 2. Regulador eléctrico de la presión de prueba |
| 3. Leva scarico simultaneo burette | 3. Lever for simultaneous discharge of the burettes | 3. Levier déchargement simultané des burettes | 3. Hebel gleichzeitige Ablass Bürette | 3. Palanca de descarga simultánea de lasburetas |
| 4. Manometro pressione rail | 4. Rail pressure gauge | 4. Manomètre pression du rail | 4. Druck Rail Manometer | 4. Manómetro presión rail |
| 5. Tastiera selezione programmi automatici liberi | 5. Keypad for selection of programs (automatic and of your choice) | 5. Clavier sélection des programs automatiques et libres | 5. Tastatur für automatische und freie Programme Auswahl | 5. Teclado para la selección de los programas (automáticos y de vuestra elección) |
| 6. Rail standard (Top feed) | 6. Rail standard (top feed) | 6. Rail standard (Top feed) | 6. Standard Rail (top feed) | 6. Rail estándar (Top feed) |
| 7. Burette di prova con illuminazione a led | 7. Test burettes with led light | 7. Burettes d'essai avec illumination à leds | 7. Test Bürette mit Led Beleuchtung | 7. Buretas de prueba iluminadas con led |

Cod. 02.000.55

420,00 €



B

(B) kit per iniettori (side-feed)
kit for injectors (side-feed)



A

Corredo Base MT7 (A)
Basic outfits for MT7 (A)

Cod. 02.018.00

P.A.R. €

CARATTERISTICHE TECNICHE - TECHNICAL FEATURES
CARACTÉRISTIQUES TECHNIQUES - TECHNISCHE MERKMALE
CARACTERÍSTICAS TÉCNICAS

	MT-7	MT-8
No. Iniettori - No. Injectors - No. Injecteurs No. Einspritzventile - No. Inyectores	6	8
Alimentazione - Power supply - Alimentation Versorgung - Alimentación:	220V 50/60Hz; 110V 60Hz (*)	220V 50/60Hz; 110V 60Hz (*)
Gamma temperatura - Temperature range - Gamme températures Temperaturbereich - Gama temperatura	+10°/+40°	+10°/+40°
Potenza ultrasuoni - Ultra-sound power - Puissance ultrasons Ultraschalleistung - Potencia ultrasonidos	70W	100W
Gamma frequenza Eccitazione iniettori Injector excitation frequency range Gamme fréquence excitation injecteurs Frequenzbereich Erregung Einspritzventile Gama frecuencia excitación inyectores	0-7500 rpm	0-7500 rpm
Gamma impulso di iniezione - Injection impulse range Gamme impulse d'injection - Einspritzimpulsbereich Gama impulso de inyección	0-9990 (100 impulses)	0-9990 (100 impulses)
Tempo di prova - Testing time - Temps d'essai Testzeit - Tiempo de prueba	0-10 minutes	0-10 minutes
Ampiezza impulsi di iniezione Injection impulse width Temps d'injection Einspritzimpulsweite Amplitud impulsos de inyección	0-20msec (0,1 msec incremento) 0-20msec (0,1 msec increase) 0-20msec (0,1 msec incrément) 0-20msec (0,1 msec Anstieg) 0-20msec (0,1 msec aumento)	
Gamma pressioni - Pressure range- Gamme pressioni Druckbereich - Gama presión	0-5 bar	0-5 bar
Dimensioni - Dimensions - Dimensions Abmessungen - Dimensiones	mm 450x430x510	mm 450x430x510
Peso - Weight - Poids - Gewicht - Peso	30 Kg	32 Kg
Basamento - Trolley - Baisement - Basis - Carro a richiesta - on request - sur demande - auf Anfrage - bajo pedido	18,50 Kg Cod.02.017.01	18,50 Kg Cod.05.088.19



Accessori inclusi - Included accessories
Accessoires inclus
Zubehör im Lieferumfang - Accesorios incluidos

Cassetta - Case - Mallette Case - Maletín	(A)
A richiesta - On request - Sur demande Auf Anfrage - Bajo pedido	
kit per iniettori (side-feed) (B) kit for injectors (side-feed) (B) kit pour injecteurs (side-feed) (B) Kit für Einspritzventile (side-feed) (B) kit para inyectores(side-feed)B	(B)
Basamento - Trolley - Baisement - Basis - Carro	Cod. 05.088.19



Cod. 05.049.00

150,00€

SINCRONIZZATORE

per carburatori a 4 vacuometri completo di tubi e attacchi.

CARBURETTOR'S SYNCHRONIZER,
with 4 vacuum-meters, complete with hoses and fittings.

SYNCHRONISEUR

pour carburateur avec 4 vacuo-mètres, complets de tuyaux est raccords.

GLEICHLAUF EINRICHTUNG

für Vergaser mit 4 Vakuummessern, komplett mit Schläuchen und Fittings.

SINCRONIZADOR

para carburadores con 4 vacuómetros con tubos y empalmes.

Utenti:
officine moto,
motori marini

Main final users:
motor cycles workshops,
marine engine workshops

Utilisateurs:
garage motos,
moteurs marins

Hauptsächliche
Endverbraucher:
Motorradwerkstätten,
Werkstätten für Bootsmotore

Usuarios:
talleres para motocicletas,
talleres para motores náuticos



KIT CONTROLLO IMPIANTI DI INIEZIONE FUEL SYSTEM TESTER

Il kit più completo disponibile sul mercato per la diagnosi di pressione e portata di pompe di iniezione benzina e diesel (bassa pressione)

Dettagliato manuale di istruzioni multilingue (italiano, inglese, francese, tedesco, spagnolo) con dati sull'efficienza delle pompe (lt-min/galloni-min) ai vari regimi di giri. A

Possibilità di controllo impianti con ritorno in serbatoio B e senza ritorno C (con regolazione meccanica o elettronica)

Grazie alla sua valvola di regolazione flusso D brevettata è possibile testare le prestazioni dell'impianto in tutte le condizioni di carico.

The most complete kit available on the market for pressure diagnosing and load capacity of normal gas and diesel injection pumps (low pressure)

Detailed multilingual instruction manual (Italian, English, French, German, Spanish) with information on the pumps efficiency (lt-min/gallons-min) during the different rev speeds. A

Possibility to check on the systems with tank loading B or without tank loading C (with electronic or manual regulation)

Thanks to its patented flow regulating valve D, it is possible to test the system performance in all loading conditions.



Return Fuel System



Returnless Fuel System



KIT RIMOZIONE CANDELETTE ROTTE

GLOW PLUG DRILLING SET

KIT DE EXTRACCION DE BUJIAS DE PRECALENTAMIENTO



Semplice estrazione di candelete danneggiate o ingrippate su molti moderni motori diesel
Non necessaria la rimozione della testa del cilindro che potrebbe danneggiare lo stampo
Adatto a motori diesel Mercedes Benz CDI

Easy extraction of the damaged/seized glow plugs on many modern diesel engines
No cylinder head extraction needed which may cause damages to cylinder head castings
Suitable for Mercedes Benz CDI diesel engines

Extracción fácil de las bujias dañadas / gripadas en muchos motores diesel modernos
No extracción de la culata necesaria que puede causar daños a la fundición de la culata
Adecuado para motores diesel Mercedes Benz CDI



Cod. 02.016.04
132,00 €

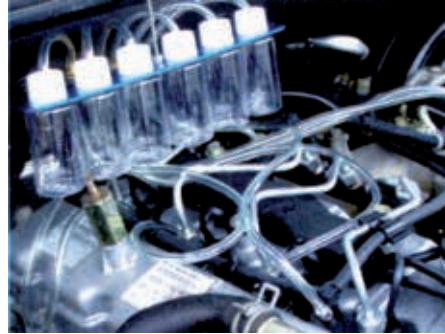
Nuovo kit master per controllo portata di ritorno impianto common rail

New kit master for the back flow control of common rail systems

Nouveau kit master pour contrôle débit de retour installation common rail

Neue Kit Master für die Kontrolle von Rückkehrumfang Common Rail Gerat

Nuevo kit master para el control de la capacidad de retorno de las instalaciones common rail



Permette un rapido controllo delle portate di iniettori Bosch, Siemens, Delphi dei principali sistemi common rail (auto e veicoli commerciali) identificando eventuali anomalie.

It enables you to perform a quick control of the back flow of the main common rail systems (cars and commercial vehicles) detecting possible anomalies.

Permet un contrôle rapide des débits des injecteurs Bosch, Siemens, Delphi des principaux systèmes common rail (voitures et véhicules commerciaux) en identifiant d'éventuelles anomalies.

Es erlaubt eine Schnelle Kontrolle der Umfänge von Bosch, Siemens, Delphi Injektoren von die hauptsächlich Common Rail Systeme (Autos und Fahrzeuge) und es kann mögliche Abweichungen identifizieren.

Permite un control rápido de las capacidades de retorno de los inyectores Bosch, Siemens, Delphi de las principales instalaciones common rail (coches y vehículos comerciales) detectando posibles anomalias.

Il kit include:

1. Rampa con 8 burette graduate, 8 tubi e raccordi dritti per collegamento alle uscite degli iniettori
2. 8 raccordi per iniettori Delphi
3. 24 raccordi a 90° per iniettori Bosch, Siemens, Delphi
4. 8 burette da 10cc per collegamento diretto a iniettori common rail Mercedes.

The kit includes:

1. Manifold with 8 graduated burettes, 8 straight hoses and couplings for the connection to the injector outlet.
2. 8 couplings for Delphi injectors
3. 24 90° couplings for injectors iniettori Bosch, Siemens, Delphi
4. 8 10 cc burettes for direct connection to Mercedes common rail injectors

Le kit inclut :

1. Rampe avec 8 burettes graduées, 8 tubes et raccords droits pour branchement aux sorties des injecteurs
2. 8 raccords pour injecteurs Delphi
3. 24 raccords à 90° pour injecteurs Bosch, Siemens, Delphi
4. 8 burettes de 10cc pour branchement direct sur injecteurs common rail Mercedes.

Das Kit besteht aus:

1. Rampe mit 8 graduierte Büretten, 8 Röhre und schlaue Anschlüsse für die Verbindung an die Injektorenausgänge
2. 8 Anschlüsse für Delphi Injektoren
3. 24 90° Anschlüsse für Bosch, Siemens, Delphi Injektoren
4. 8 10cc Büretten für direkte Verbindung an Common Rail Mercedes Injektoren

El kit incluye:

1. Rampa con 8 buretas graduas, 8 tubos y empalmes rectos para la conexión a las salidas de los inyectores
2. 8 empalmes para inyectores Delphi
3. 24 empalmes de 90° para inyectores Bosch, Siemens, Delphi
4. 8 buretas de 10cc para la conexión directa a inyectores common rail Mercedes

Cod. 05.056.08

11,00 €

**CHIAVE SMONTAGGIO FILTRO GASOLIO (motori HdI)
FUEL FILTER SOCKET (HDI engines)**

Chiave smontaggio filtro gasolio speciale per motori HdI

Specialist socket required for the removal of diesel fuel filter fit for HDi engines

Modelli/ Models:

C4 2.0 HDi 16v,
C4 Picasso 2.0/2.2 HDi, C5
C8 2.0/2.2 HDi 16v,
Jumpy 2.0/ 2.2 HDi;

Fiat Scudo

Ulysse Mk II 2.0 JTD 16v;

Ford Focus/ Focus C-Max
Galaxy/ KugaS-Max 2.0 TDCi;

Peugeot 307/ 308/ 407/ 607
807/ Expert 2.0 HDi 16v;

Volvo C30/ C70/ S40 Mk II
V50 2.0 Diesel (136 HP).



Cod. 05.090.07

51,00 €

**Misure disponibili
Available sizes
Tamaños disponibles:**

- 8 mm L=155mm;
- 9 mm L=155mm;
- 10 mm L=155mm;
- 11 mm L=155mm;
- 12 mm L=155mm;
- 14 mm L=155mm;
- 16 mm L=155mm;



**Serie di 6 bussole
snodate per candele
(lunghe)**

Per uno smontaggio sicuro delle candele anche in posizioni difficili da raggiungere. Includono anello in gomma per mantenimento candele.

**Kit 6 jointed sockets for
plugs (long)**

To dismount safely the plugs also those positioned in difficult positions to be reached. It includes a rubber ring to hold the plug.

**Kit de 6 casquillos para
bujías (largos)**

Para desmontar en seguridad las bujías que están colocadas en zonas difíciles de llegar. Incluye un anillo de goma para la bujía.

Cod. 02.020.54

P.A.R. €

CR4
TFT Inverter



NEW

Comparatore digitale
millesimale multifunzionale

Multifunctional electronic
digital indicator large display

Funzioni principali:

- Ø 60mm DIN 878
azzeramento
- memoria min/max
- risoluzione 0,001
- precisione 0,005

con adattatore per iniettori Bosch
utilizzare con cavo eccitazione da
Banco CR4 TFT

General Functions:

- Ø 60mm DIN 878
zero point
- hold min/max
- reading 0,001
- accuracy 0,005

with the adapter for Bosch
injectors usable with the excitation
cable from the CR4 TFT Bench

DA UTILIZZARE CON SIMULATORE
COMMON RAIL IDONEO (CR4)

TO USE WITH PROFER COMMON RAIL
SIMULATOR (CR4)



Cod. 05.090.08

115,00€



Estrattori per iniettori common rail.

Il kit include:

- Martello a battente (Kg 1,75),
- adattatore M17x1.0
- Adattatore M27x1.0 per iniettore CR Bosch,
- adattatore M12x1,75
- In valigetta antiurto.

9 pcs Common Rail Injectors extractor set

The kit includes:

- Slide Hammer (Kg 1,75),
- adaptor M17x1.0,
- adapter M27x1 fro Bosch injector head,
- Adapter with M12x1,75 .
- Blow mould case included.

Cod. 02.020.05

275,00€



POMPA MANUALE

Per prova iniettori diesel fino a 600 bar

MANUAL PUMP

For diesel injector tester up to 600 bars

POMPE MANUELLE

Pour testeur d'injecteurs diesel jusqu'à 600 bar

Manuelle Pumpe

Für Diesel-Injektor-Tester bis zu 600 bar

BOMBA MANUAL

Para proba inyectoros diesel hasta 600 bar

Cod. 05.090.09

69,00€



**KIT 5 FRESE PER SEDI
GUARNIZIONI PARAFIAMMA**

5 PCS DIESEL INJECTOR SEAT CUTTER SET

Il kit include :

- 1 mandrino guida fresa
- 2 Fresa piana Ø 15 mm per applicazioni universali
- 3 Fresa piana Ø17 mm per iniettori Delphi/Bosch (BMW,PSA,RENAULT,FORD)
- 4 Fresa piana Ø19 mm per iniettori Bosch (Mercedes CRD)
- 5 Fresa conica Ø19 mm per iniettori Fiat/Iveco

Materiale :

SKD11 durezza 58-60 HRC
In valigetta antiurto

Caratteristiche tecniche:

- rettica sedi degli iniettori diesel prima di rimontarli
- evita rischi di fuori uscita di gas di scarico e depositi carboniosi, perdite dicomprensione
- utilizzabile su tutte le moderne applicazioni di sistemi Common Rail.

The set includes:

- 1 pilot post
- 2 15 mm flat reamer - universal applications
- 3 17 mm flat reamer - Delphi/Bosch injectors (BMW,PSA,RENAULT,FORD)
- 4 19 mm flat reamer - Bosch injectors (MERCEDES CRD)
- 5 19 mm angled reamer (Fiat/Iveco)

Stee: SKD11 Hardness 58-60 HRC
Blow mould case included.

Features:

- "Re-face" the diesel injector seat in order for the new or reconditioned injector to be fitted correctly
- Clean and re-cutting of injector seat
- Avoid an high risk of 'blow by' occurring cause of the build up of carbon deposits and effect of corrosion.
- Application for all modern common rail diesel engines

Cod. 04.024.02
196,00€



Nuova pompa vuoto e pressione "Mytivac"
New vacuum and pressure pump "Mytivac"
Nouvelle pompe vide et pression « Mytivac »
Neue Vakuum- und Druckpumpe „Mytivac“
Nueva bomba de vacío y presión "Mytivac"



Maggiori prestazioni (-1/+4 bar)
 Manometro con protezione in gomma rotante a 360° A
 Selezione vuoto-pressione con una sola mano
 Impugnatura ergonomica C
 Contenitore olio freni esausto collegato direttamente alla pompa B

Better performance (-1/+4 bar)
 Gauge with rubber protection rotating 360° A
 Selection vacuum-pressure with only one hand
 Ergonomical handle C
 Exhausted brake oil recipient connected directly to the pump B

Meilleures prestations (-1/+4 bar)
 Manomètre avec protection en caoutchouc rotatif à 360° A
 Sélection vide-pression avec une seule main
 Poignée ergonomique C
 Conteneur huile usée freins relié directement à la pompe B

Bessere Leistungen (-1/+4 bar)
 Manometer mit Gummischutz, drehend 360° A
 Auswahl Vakuum-Druck- mit nur einer Hand
 Ergonomischer Griff
 Behälter für Altbremsöl direkt an die Pumpe B angeschlossen

Mayores prestaciones (-1/+4 bar)
 Manómetro con protección de caucho giratorio de 360° A
 Selección vacío-presión con una mano sola
 Empuñadura ergonómica C
 Recipiente de aceite frenos usado conectado directamente a la bomba B

Cod. 04.024.01
99,00€



Pompa a vuoto e pressione (-1/3 bar)

Vacuum-pressure pump (-1/3 bar)

Pompe a vide et pression (-1/3 bar)

vakuum-druck pumpe (-1/3 bar)

Bomba manual presión-depresión (-1/3 bar)

Completa di accessori in valigetta ABS
 Supplied with accessories in ABS case
 Livrée avec accessoires encoffret ABS
 Komplett mit Zubehör in ABS Case
 Con accesorios en maletín de ABS incluidos

TESTER MISURE DI PRESSIONE
PRESSURE MEASURING TESTER
TESTER MESURE PRESSION
TESTER DRUCK-MESSUNG
TESTER PARA MEDIR PRESIÓN

Cod. 04.023.00

400,00 €

Kit con raccordi
Kit with couplings
Kit avec raccords
Kit mit Verbindern
Kit con empalmes



Cod. 04.023.02

600,00 €



Profi Kit (cod. 04.023.00 incluso)
+ valigetta con 3 manometri Ø100, 0-10bar, 0-2,5 bar, -1/3 bar

Profi Kit (cod. 04.023.00 included)
+ case with 3 gauges Ø100, 0-10bar, 0-2,5 bar, -1/3 bar

Kit Profi (cod. 04.023.00 inclus)
+ coffret avec 3 manomètre Ø100, 0-10bar, 0-2,5 bar, -1/3 bar

Profi Kit (cod. 04.023.00 inbegriffen)
+ Case mit 3 Manometern Ø100, 0-10bar, 0-2,5 bar, -1/3 bar

Profi Kit (cod. 04.023.00 incluido)
+ maletín con 3 manómetros Ø100, 0-10bar, 0-2,5 bar, -1/3 bar

TESTER PROVA PRESSIONE
OLIO MOTORE

KIT OIL PRESSURE

TESTEUR PRESSION HUILE MOTEUR

ÖLDRUCK TESTER

TESTER PRUEBA PRESIONES ACEITE
MOTOR

Cod. 04.029.01

98,00 €

- manometro doppia scala di facile lettura fino a 10 bar

- Double-range gauge easily reading up to 10 bar

- Manomètre à double échelle de facile lecture, jusqu'à 10 bars

- Doppel Skala Manometer leicht lesbar bis zu 10 bar

- Manómetro con doble escala, lectura fácil, hasta 10 bar

- attacchi rapidi con valvole per operare in sicurezza e velocità

- Rapid couplings with valves to work safely and quickly

- Raccords rapides avec soupape pour travailler rapidement et en sécurité

- Schnellverbinder mit Ventilen für sichere und rasche Arbeitsgänge

- empalmes rápidos con válvulas para trabajar en seguridad y rápidamente



Art. 060

Cod. 04.043.00

99.00 €



KIT CONTROLLO TENUTA DI GUARNIZIONI TESTATE MOTORI BENZINA E DIESEL
KIT CONTROL SEALS PETROL AND DIESEL ENGINES
KIT D'ESSAI TENUE DES GARNITURES TETE MOTEUR ESSENCE ET DIESEL
KONTROLLKIT FÜR DICHTUNGEN VON BENZIN- UND DIESELMOTOREN
KIT CONTROL ESTANQUEIDAD JUNTAS CULATAS MOTORES DIESEL Y GASOLINA

Rivela in modo sicuro incrinature e perdite sulle testate cilindri, sulle guarnizioni e sul blocco motore. Il liquido di prova si colora automaticamente nel caso di mancata ermeticità.

It detects certainly cracks and water leaks on cylinder heads, seals and engine blocks. The test detector will colour immediately, if there are leaks.

Revèle en manière très sûre les crevasses et les pertes sur les têtes cylindres, sur les garnitures et sur les le moteur. Le liquide d'essai se colore automatiquement dans le cas d'inétanchéité.

Ermittelt systemsicher Risse und Lecks an Zylinderköpfen, Dichtungen und Motor. Das Prüfmedium verfärbt sich automatisch im Fall von Undichtigkeiten.

Detecta con precisión grietas y pérdidas en las culatas de los cilindros, en las juntas y en el motor. El líquido de prueba se colora automáticamente en caso de no estanqueidad.



Cod. 05.019.03
284,00€

**PROVA RADIATORI
E RIEMPIMENTO
RADIATORI SOTTOVUOTO (26PZ)**

**COOLING SYSTEM ANALYZER
AND RADIATORS FILL VACUUM
(26PCS)**

**TESTEUR RADIATEUR
ET REMPLISSAGE
RADIATEUR SOUS VIDE (26PZ)**

**ANALYSEGERÄT FÜR KÜHLER
UND BEFÜLLUNG UNTER VAKUUM
(26PZ)**

**PROBADOR DE RADIADORES Y
LLENADOR DE RADIADORES
BAJO VACÍO (26UDS)**



fig.1



fig.2



Applicazioni:

- No. 0 - termometro
- No. 2 - Prova pressione della pompa con il manometro
- No. 2A - connettore R123 / R124 (colore nero)
- No. 2B - connettore R123 / R125 (colore blu)
- No. 3 - Mercedes BENZ (W123, W126, W124, W201); GM (Buick); Jeep.
- No. 4 - Peugeot, Subaru, Chrysler, Acura, GM (Nova, Spectrum, Sprint), Mitsubishi, Nissan, Mazda, Toyota, Infiniti, GEO, Suzuki, Isuzu, Mercedes BENZ.
- No. 5 - Honda Toyota, Suzuki, Mitsubishi, Chrysler, Acura, Lexus.
- No. 6 - Mercedes BENZ (ML-class, W163, W164), GM (achiva, skylark, gramd am-1992-2002)
- No. 7 - Volvo, Saab, Sterling, Citroen, Renault, Fiat, Alfa, Jeep, Mini.
- No. 8 - VW (Vento, T4, Passa-1996, Golf, Beetie, Sharan)
- No. 9 - Audi (A4, A5, A6), BMW 345, VW (Passa-1997-2002), Porsche (Cayenne).
- No. 10 - BMW (E46, E36, E34, E39, E38, E32, E90)
- No. 11 - Audi, VW
- No. 12 - Ford Mondeo, International, Land Rover, Opel, Ssangyong motor.
- No. 13 - Mercedes BENZ (C-class, E-class, S-class, WHO, W220, W124, W210, W211, W215, W216, W221, R230)
- No. 14 - Ford Mondeo, Focus, C-MAX03.
- No. 5 - Mazda (M3).
- No. 16 - Mercedes A-class (168).
- No. 17 - BMW E60, E63, E64, E65.
- No. 18 - VW SHARAN 1.8T2.8.
- No. 19 - TOYOTA-RAV4, PREVIA.
- No. 20 - SAAB

Radiator cap application:

- No. 0 - Thermometer
- No. 2 - Pressure Testing pump with gauge
- No. 2A - Connector R123 / R124 (Black color)
- No. 2B - Connector R123 / R125 (Blue color)
- No. 3 - Mercedes BENZ (W123, W126, W124, W201); GM (Buick); Jeep.
- No. 4 - Peugeot, Subaru, Chrysler, Acura, GM (Nova, Spectrum, Sprint), Mitsubishi, Nissan, Mazda, Toyota, Infiniti, GEO, Suzuki, Isuzu, Mercedes BENZ.
- No. 5 - Honda Toyota, Suzuki, Mitsubishi, Chrysler, Acura, Lexus.
- No. 6 - Mercedes BENZ (ML-class, W163, W164), GM (achiva, skylark, gramd am-1992-2002)
- No. 7 - Volvo, Saab, Sterling, Citroen, Renault, Fiat, Alfa, Jeep, Mini.
- No. 8 - VW (Vento, T4, Passa-1996, Golf, Beetie, Sharan)
- No. 9 - Audi (A4, A5, A6), BMW 345, VW (Passa-1997-2002), Porsche (Cayenne).
- No. 10 - BMW (E46, E36, E34, E39, E38, E32, E90)
- No. 11 - Audi, VW
- No. 12 - Ford Mondeo, International, Land Rover, Opel, Ssangyong motor.
- No. 13 - Mercedes BENZ (C-class, E-class, S-class, WHO, W220, W124, W210, W211, W215, W216, W221, R230)
- No. 14 - Ford Mondeo, Focus, C-MAX03.
- No. 15 - Mazda (M3).
- No. 16 - Mercedes A-class (168).
- No. 17 - BMW E60, E63, E64, E65.
- No. 18 - VW SHARAN 1.8T2.8.
- No. 19 - TOYOTA-RAV4, PREVIA.
- No. 20 - SAAB



Cod. 05.090.20

156,00 €



1/4"



1/2"



72 denti/teeth

Chiavi a bussola 150 pz
(1/2" - 3/8" - 1/4")

150pcs 1/2" - 3/8" - 1/4"
DR. socket wrench set



Cod. 05.090.48

39,00 €

CRICCHETTO 1/2" ESTENSIBILE
1/2" EXTENDIBLE RATCHET



Cod. 05.090.17

39,80 €

CASSETTA BUSSOLE 1/4" (46pz)
46- piece Socket Set, 1/4"

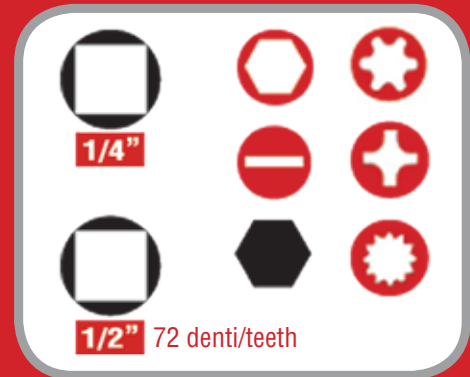
Bussole "super lock" da 4 a 13mm
Inserti piani, croce, esagonali e torx
Cricchetto reversibile a 45 denti
Realizzato in conformità con le norme
DIN
T-Star kit bussole di diverse misure
Materiale: cromo vanadio

Super lock sockets from 4 to 13mm
Comes with plain slot, cross slot,
hexagon and 45 tooth reversible
ratchet with quick release button
Made according to DIN standards
T-Star prese bit di diverse dimensioni
Matt chrome plated



Cod. 05.090.16

120,00 €



Set bussole inserti da 1/4" e 1/2" (108pz)
108-piece Socket Set, 1/4" e 1/2"

Set da 1/4" include:

Cricchetto, prolunga corta, prolunga lunga
Giunto universale, chiave a T scorrevole
Serie bussole "super lock": 4-4,5-5-5,5-6-7-8-9-10-11-12-13 e 14mm
Serie bussole "super lock" lunghe: 6-7-8-9-10-11-12-13mm
Serie bussole Torx: T8-T10-T15-T20-T25-T27-T30
Serie bussole tipo E: E4-E5-E6-E7-E8
Serie bussole porta inserti 4 a croce, 3 piani, 4 esagonali

Set da 1/2" include:

Cricchetto, prolunga corta, prolunga lunga, giunto universale,
chiave a T scorrevole
Serie bussole "super lock": 10-11-12-13-14-15-16-17-18-19-
20-21-22-24-27-30-32mm
Serie bussole "super lock" lunghe: 14-15-17-19-22mm
Un porta inserti
Serie bussole Torx: T40-T45-T50-T55-T60
6 inserti a croce, 3 inserti a taglio
Inserti esagonali: 7-8-9-10-12-14mm
Inserti tipo E: E10-E11-E12-E14-E16-E18-E20-E24
Bussole per smontaggio candele 16 e 21mm

6.3 (1/4) drive:

Ratchet, short extension, long extension, universal joint, sliding T-handle
Super lock sockets in the following sizes: 4-4,5-5-5,5-6-7-8-9-10-11-12-13 and
14mm
Super lock deep sockets in following sizes: 6-7-8-9-10-11-12-13mm
T Star bit sockets: T8-T10-T15-T20-T25-T27-T30
4x cross bit sockets and 3x slot bit sockets
Hex bit sockets: 3-4-5-6mm
E-type sockets: E4-E5-E6-E7-E8

12.5 (1/2) drive:

Rauche, short extension, long extension, universal joint, sliding T-handle
Super lock sockets in the following sizes: 10-11-12-13-14-15-16-17-18-19
20-21-22-24-27-30-32mm
Super lock deep sockets in sizes: 14-15-17-19-22mm
1x bit holder
T Star bits: T40-T45-T50-T55-T60
6 x cross bits and 3 slotted bits
Hex bits: 7-8-9-10-12-14mm
E-type sockets: E10-E11-E12-E14-E16-E18-E20-E24
Spark plug sockets: 16 and 21mm



Cod. 05.090.15

62,00 €



Set di 25 chiavi combinate 6-32mm

In acciaio al cromo-vanadio
6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-
28-30-32mm
Custodia in tetron
conforme a norma din 3113 A

25-piece Combination Spanner Set, 6-32mm

All parts manufactured from chrom vanadium-steel;
Hardened, chrome plated
6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-
28-30-32mm
Packed in a tetron wallet
According to DIN 3113 A

CASSETTE BASE PER OGNI OFFICINA MECCANICA

BUSSOLE IN ACCIAIO AL CROMO-VANADIO TRATTATO E CROMATO FORNITE IN CASSETTA IN MATERIALE PLASTICO COMPOSITO

BASIC SETS FOR EVERY MECHANICAL WORKSHOP

SOCKETS IN TREATED AND CHROMIUM-PLATED VANADIUM CHROMIUM IN A CASE OF COMPOSITE PLATIC MATERIALS

SETS BASILAIRES POUR TOUS LES GARAGES MECHANIQUES

BOUSSOLES EN ACCIER AU CHROME -VANADIUM TRAITÉ ET CHROME FOURNIES EN COFFRET EN PLASTIQUE

GRUNDAUSSTATTUNG FÜR JEDE MECHANIKER WERKSTATT

CHROM-VANADIUM DOUBLIERTE UND VERCHROMTE STAHLBUCHSEN IN WERKZEUGKASTEN AUS KUNSTSTOFFVERBUNDMATERIALSETS

BÁSICOS PARA TODOS LOS TALLERES MECÁNICOS

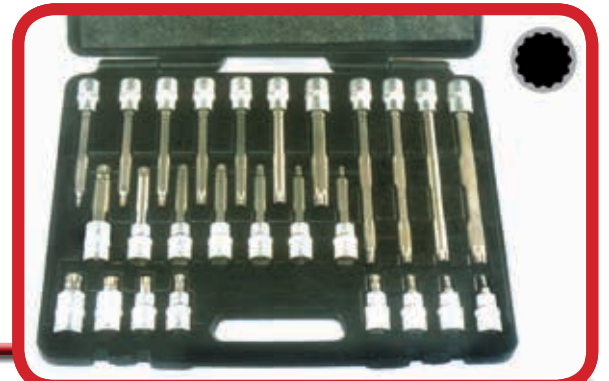
CASQUILLOS EN ÁCERO AL CROMO VANADIO TRATADO Y CROMADO EN MALETÍN DE MATERIAL PLÁSTICO COMPUESTO



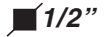
Cod. 05.089.00
72,00€

Set 30 pz chiavi bussola con esagono maschio attacco 
Set of 30 pcs exagonal male coupling wrenches

Contenuto - It contains: L 55 mm 5-6-7-8-10-12-14-17-19
L 100 mm 5-6-7-8-10-11-12-13
L 140 mm 5-6-8-10-12-14
L 200 mm 5-6-7-8-10-12



Cod. 05.090.00
70,00€

Set 26 bussole con inserto ZNX 
Set sockets with ZNX insert (26 pieces)

Contenuto - It contains: L 55 mm 5-6-7-8-9-10-12-14-16
L 100 mm 5-6-8-9-10-12-14
L 140 mm 5-6-8-9-10-12-14
L 200 mm 8-10-12-14



Cod. 05.090.01
78,00€

Set 32pz bussole con inserto TX 
Set sockets with TX (32 pieces)

Contenuto It contains: L 55 mm T20-25-27-30-40-45-50-55-60-70
L 100 mm T20-25-27-30-40-45-50-55-60-70
L 140 mm T40-45-50-55-60-70
L 200 mm T40-45-50-55-60-70



Cod. 05.090.02
79,00€

Set 32pz bussole con inserto RIBE 
Set sockets with RIBE (32 pieces)

Contenuto It contains: L 55 mm 5-6-7-8-9-10-12-13-14
L 100 mm 5-6-7-8-9-10-12-13-14
L 140 mm 8-9-10-12-13-14

Set di 15 bussole per lo smontaggio

Set of 15 sockets for the dismantling 10-11-12-13-14-15-17-19-21-24-27mm
Set de 15 boussole pour le démontage
Set 15 Buchsen zur Demontage
Set de 15 casquillos para el desmontaje



Cod. 05.090.05
99,00€



NEW



Cod. 05.090.14
30,00 €

Set 12 cacciaviti con esagono esterno per una maggior coppia usando una chiave a bussola

Screwdriver kit, 12pcs, end-to-end hex blade with outer hexagon for extra torque using a spanner or socket

Cod. 05.090.45
30,00 €

NEW

Set 8 chiavi esagonali con cuspidi tonda (2, 2.5, 3, 4, 5, 6, 8, 10) in valigetta

8 hexagonal wrenches kit with round cusp (2, 2.5, 3, 4, 5, 6, 8, 10) in a case

Cod. 05.090.46
28,00 €

NEW

Set 7 chiavi a "T" torx in valigetta (t10, t15, t20, t25, t27, t30, t40)

7 T-torx wrenches in a case (t10, t15, t20, t25, t27, t30, t40)

Cod. 05.078.05
11,50 €

NEW

chiave speciale T70 foro 1/2", per scarico olio cambi vag

special bit socket T 70 1/2" drive, for gearbox drain plugs on vag vehicles



Valigetta trolley con 186 utensili
Tool box with accessories 186 pcs
Valise portable avec 186 outils
Fahrbare Werkbank mit 186-tlg.
Valija con 186 herramientas



Leve a cricchetto da 1/4" e da 1/2" 1/4"-1/2" Dr. ratchet handles	2 Pz/Pcs	Prolunga flessibile da 1/4" 1/4" Dr. 6" flex, extension	1 Pz/Pcs	Livella magnetica 250mm 10" magnetic level	1 Pz/Pcs
Chiavi a bussola per candele 1/2" 1/2" Dr. Spark plug sockets 16-21mm	2 Pz/Pcs	Chiavi esagonali a punta sferica Ball point long nose hex key 1,5-2-2,5-3-4-5-6-8-10mm	9 Pz/Pcs	Torcia in alluminio Aluminum flashlight	1 Pz/Pcs
Riduzione 1/2" (M) -3/8" (F) Adapter 1/2"(M) - 3/8"(F)	1 Pz/Pcs	Cercafasce / Electric tester	1 Pz/Pcs	Pinza fastonatrice 8" crimping pliers	1 Pz/Pcs
Porta inserti! a cricchetto da 1/4" 1/4" Dr. ratchet bit handle	1 Pz/Pcs	Cacciaviti di precisione Precision screwdrivers	6 Pz/Pcs	Capicorda / Terminals	25 Pz/Pcs
Bussole esagonali con attacco da 1/4" 1/4" Dr. exagonal sockets 4-4,5-5-5,5-6-7-8-9-10-11-12-13mm	12 Pz/Pcs	Pinze / Pliers	3 Pz/Pcs	Cutter / Utility knife	1 Pz/Pcs
Porta bussole da 1/4" 1/4" Dr. spinner handle	1 Pz/Pcs	Chiave a rullino adjustable wrench	1 Pz/Pcs	Pinza grip 175mm 7" locking pliers	1 Pz/Pcs
Bussole esagonali con attacco da 1/2" 1/2" Dr. exagonal sockets 10-11-12-13-14-15-16-17-18-19-20 21-22-23-24-27-30mm	17 Pz/Pcs	Pinza idraulica 8" water pump pliers	1 Pz/Pcs	Nastro isolante / PVC tape	1 Pz/Pcs
Leve a "T" da 1/4" e da 1/2" 1/4-1/2" sliding bars	2 Pz/Pcs	Chiavi combinate Combination spanner 6-8-10-11-12-13-14-15-17-19mm	10Pz/Pcs	Calamita telescopica Pickup tools with magnet	1 Pz/Pcs
Prolunghe di 50-100mm da 1/4" 1/4"Dr. socket-bars2"-4"	2 Pz/Pcs	Martello tedesco da 300g 300g German hammer	1 Pz/Pcs	Calibro a corsoio 150mm 6" vernier caliper	1 Pz/Pcs
Snodi a cardano da 1/4" e 1/2" 1/4"-1/2" Dr. universal joints	2 Pz/Pcs	Flessometro da 5m 5m precision tape	1 Pz/Pcs	Cacciaviti per elettricista Electrician screwdrivers	3 Pz/Pcs
		Mini archetto con lama Mini hacksaw	1 Pz/Pcs	Cacciaviti / Screwdrivers	11 Pz/Pcs
				Porta inserti magnetico Magnetic bit holder	1 Pz/Pcs
				Inserti 1/4"/ 1/4" bits	25 Pz/Pcs

VALIGETTA TROLLEY CON 114 UTENSILI

TOOL BOX WITH ACCESSORIES 114

VALISE AVEC 114 PIECES

WERKZEUGKOFFER MIT 114 WERKZEUGEN

VALIJA CON RUEDAS CON
114 HERRAMIENTAS



- | | | | | |
|------------------------------------|-------------------------------------------|-----------------------------------------------|------------------------------------------|------------------------------------|
| 1 prolunga magnetica | 1 pick-up tool | 1 extension magnétique | 1 Pick-up Werkzeug | 1 prolongación magnética |
| 1 pinza lunga 8" | 1 long nose pliers 8" | 1 pince longue 8" | 1 Spizzange 8" | 1 pinza larga 8" |
| 1 pinza diagonale 7" | 1 diagonal pliers 7" | 1 pince diagonale 7" | 1 Seitenschneider 7" | 1 pinza diagonal 7" |
| 1 pinza smonta seeger | 1 slip joint pliers | 1 pince démonte seeger | 1 Gleitgelenkzange | 1 pinza para desmontar seeger |
| 1 pinza per pompe acqua | 1 water pump pliers | 1 pince pour pompe eau | 1 Wasserpumpenzange | 1 pinza para bombas de agua |
| 14 cacciaviti assortiti | 14 screwdrivers | 14 tournevis assortis | 14 Schraubendreher | 14 destornilladores mixtos |
| 6 cacciaviti di precisione | 6 precision screwdrivers | 6 tournevis de précision | 6 Präzisionsschraubendreher | 6 destornilladores de precisión |
| 1 inserto a Y | 1 Y bit | 1 insert à Y | 1 Y Bit | 1 inserción de Y |
| 1 portainseriti | 1 bit holder | 1 porte-inserts | 1 Bit-Halter | 1 portainserciones |
| 24 inserti | 24 bits in a plastic holder | 24 inserts | 24 bits in Kunststoffhalterung | 24 inserciones |
| 1 cacciavite a cricchetto | 1 ratchet screwdriver | 1 tournevis à cliquet | 1 Schraubenziehergriff | 1 destornillador de roquete |
| 1 tester cercafase | 1 elec. Tester | 1 tournevis pour tester la tension du secteur | 1 elekt. Tester | 1 probador buscafase |
| 1 chiave regolabile | 1 adjustable wrench | 1 clé réglable | 1 Schraubenschlüssel | 1 llave regolable |
| 10 chiavi combinate 6÷19mm | 10 combination wrenches 6÷19mm | 10 clé combine 6÷19mm | 10 kombinierte Schlüssel 6÷19mm | 10 llaves combinadas 6÷19mm |
| 1 ¼" chiave a T | 1 ¼" dr. sliding T-Bar | 1 ¼" clé à T | 1 ¼" dr. Verstellsschieber | 1 ¼" llave de T |
| 12 bussole da ¼" 4÷13mm | 12 ¼" dr. sockets 4÷13mm | 12 douilles de ¼" 4÷13mm | 12 ¼" dr. Anschlüsse 4÷13mm | 12 brújulas de ¼" 4÷13mm |
| 17 bussole da ½" 10÷30mm | 17 ½" dr. sockets 10÷30mm | 17 douilles de ½" 10÷30mm | 17 ½" dr. Anschlüsse 10÷30mm | 17 brújulas de ½" 10÷30mm |
| 4 prolunghe | 4 extension bar | 4 extensions | 4 Verlängerungsschiene | 4 prolongaciones |
| 1 prolunga flessibile | 1 flexible extension bar | 1 extension flexible | 1 flexible Verlängerungsschiene | 1 prolongación flexible |
| 2 chiavi per candele ½ 16mm e 21mm | 2 ½" dr. spark plug sockets 16mm and 21mm | 2 clé pour bougies ½ 16mm et 21mm | 2 ½" dr. Zündkerzenstecker 16mm and 21mm | 2 llaves para bujías ½ 16mm y 21mm |
| 2 giunti universali | 2 universal joint | 2 joints universels | 2 Zapfwelle | 2 juntas universales |
| 1 adattatore a 3 vie | 1 three way adaptor | 1 adaptateur 3 voies | 1 Dreiwegeadapter | 1 adaptadores de 3 vías |
| 9 chiavi a L 1,5÷10mm | 9 hex key 1,5÷10mm | 9 clé à L 1,5÷10mm | 9 Sechskant 1,5÷10mm | 9 llaves de L 1,5÷10mm |
| 1 cricchetto ½" | 1 ¼" dr. ratchet handle | 1 cliquet ½" | 1 ¼" dr. Griff mit Ratsche | 1 roquete ½" |
| 1 cricchetto ¼" | 1 ½" dr. ratchet handle | 1 cliquet ¼" | 1 ½" dr. Griff mit Ratsche | 1 roquete ¼" |
| 3 portautensili in plastica | 3 blow case | 3 porteoutils en platisque | 3 Koffer | 3 portaherramientas de plástico |
| 1 trolley in alluminio | 1 aluminium box | 1 chariot en aluminium | 1 Aluminiumgehäuse | 1 trolley de aluminio |

Cod. 05.098.01

38,00 €

**Serie bussole smontaggio
tappi olio motore e pulegge distribuzione**

**1/2" 14 pcs oil-change and
distribution pulley socket set**

Nuovo modello con cricco 3/8" e bussole quadre da:
5/16, 3/8, 7, 8, 10, 11, 12, 13, 14mm
Chiavi esagonali da: 8, 9, 10, 12, 14
Triangolari: 10 mm
Quadra incassata: 10mm

New model with 3/8"
ratchet and 5/16, 3/8, 7, 8, 10, 11, 12, 13, 14mm
square sockets 8, 9, 10, 11, 12, 14mm
Hexagonal sockets
Triangular: 10mm
Square socket: 10mm



Cod. 05.090.26

46,00 €



Kit 14 chiavi a pipa

14 double ended offset hexagon wrenches kit

Cod. 05.090.29

98,00 €



**Kit 7 chiavi a T
snodate**

**7 T-bended
wrenches kit**

(7 ÷ 19 mm)

FOTO INDICATIVA

Cod. 05.090.21

26,00 €



**Bussole smontaggio
bulloni di cerchi in lega
1/2" da 17-19-21**

**3-piece protective
impact sockets Set,
1/2" with plastic cover,
17-19-21 mm**

Adatto sia per chiavi manuali che
per pistole pneumatiche
Con coperchio in plastica per la perfetta
protezione di cerchi in alluminio
Con sfere di fissaggio e foro
Lunghezza: 85 mm

Suitable for both, manual and impact
wrenches
With plastic cover for perfect protection
of aluminium rims
With ball retaining groove and hole
Length: 85 mm



Cod. 05.090.24

34,00 €



**Supporto magnetico per avvitatore
ad aria e bussole**

**2-magnets holder for air impact
wrench and sockets**



05.056.00	05.056.01	05.056.07	CHIAVI FILTRI OLIO VETTURE E FURGONI OIL FILTERS CUPS KITS FOR CARS-VANS SET DE CLES POUR FILTRES HUIRE VOITURES-FURGONETAS SET ÖLFILTERSCHLÜSSER FÜR PKW SET DE LLAVES PARA FILTROS ACEITE COCHES-CAMIONETAS	
■	■	■	66mm/6P	Fiat Punto, 1 2) Renault (Clio 1 2 Express, Kangoo Twingo) etc
■	■	■	65mm/14P	Fits Champ. Hastings GnVAc. wix, Napa, Purolator, Daihatsu, Toyota Nissan etc
■	■	■	65-67mm/14P	Fits same filters as made in Canada including PH4386 PH4967 PH6017 PH6018 Daihatsu etc
■	■	■	68mm/14P	Fits Hastings. Mazda, Ford Escor, Capri, Subaru, Fran PH6607 (those tram filters made in Korea), Motorcraft FLS16 etc)
■	■	■	73mm/14P	Fits Toyota/Lexus, etc
■	■	■	74mm/15P	MF. Audi, #056-115-561g, GM. Rover. Chrysler, etc..
■	■	■	74-76mm/15P	Fits Fram, Ac. Saturnm. etc
■	■	■	75-77mm/15P	Fits VW. Audi Casite. GM/AC. Hastings Wix. NAPA Ford Isuzu Mercedes, opel, etc.
■	■	■	76mm/12P	Fiat (Ducato. ScuroJo. Ulysee), Renault. (Megane Laguna Espace III) etc
■	■	■	76mm/14P	Fist Champion. Champ Lee, Purolator, Mopar. VW, Porsche, Mercedes Benz, BMW, Audi. (I. B. A3TD) Opel etc
■	■	■	76mm/30P	Fits Motorcraft only-FL400A. Ford etc
■	■	■	76mm/8P	Fiat(Marea), Lancia (Delta) etc.
■	■	■	78mm/15P	Nissan #15208H8991. Ford, Toyota, Accord etc
■	■	■	80mm/15P	Fits Hastings Fram, Purolator, Nissan. Honda. Motorcraft. Mazda, Isuzu, Subaru. Opel. Toyota, etc
■	■	■	80-82mm/15P	Fits Wix filters branded for Mazda, Subaru, Toyota, Honda. Acura Nissan, NAPA etc.
■	■	■	86mm/16P	Volvo(S40.S60.S70,S80) etc
■	■	■	86mm/18P	VW Golf(MKIII Tdi, passat Tdi.) Audi A6 Tdi, Renault (Clio Rapid 1 9D Laguna Safrane Espace 21D) Citroen. Peugeot, Renault, etc
■	■	■	90mm/15P	Fits Honda Accord Mitsubishi Mopar Isuzu etc
■	■	■	92mm/10P	Fiat Cinquecento, Coupe, Croma. Fiat. Panda Regata Ritmo Fiat. Seicento Tempra. Tipo. Lancia (Beta Dedra Kappa Monte Carlo Prisma Thema Trevi)etc
■	■	■	93mm/15P	Fits Casite, Champ. Champion, GM. Fram. Hastings Opel, Mazda, Volvo, Mitsubishi Purolator. Wix, Nissan, VW, Porsche. Renault Ford, Honda, Audi. etc
■	■	■	93mm/36P	Fits Motorcraft only-FL1A, FLA1B. FL300. FL820. Ford, etc
■	■	■	93mm/45P	VW-Audi (Tdi2 4.2 6,2 8L)etc
■	■	■	95mm/15P	Toyota #15600-41010 Alfa. GM, Ford. ALFA, Chrysler, etc
■	■	■	96mm/18P	Audi(A4 A6 Tdi). VW(Passaf 97 Tdi) Renault (Laguna 2.2d Safrane 2.2D.) Espace 2.2D R19. RAPID. MEGANE. 1 9/2 1D TDi)etc
■	■	■	100mm/15P	Fits fram, Motorcraft. wix, Isuzu and Mitsubishi, etc
■	■	■	106mm/15P	Fiat(Ducato 2 5D Td)etc
■	■	■	108mm/15P	Volvo(C70.S70.V70.Tdi TD)(Turbo. Diesel 850 Tdi Diesel)etc
■	■	■	108mm/18P	Renault (Espace, Laguna. Master, Safrane, Traffic 2.4, 2.5, 2.8D, TD) etc
■	■	■	A2089	
■	■	■	Adaptor	

Cod. 05.056.00
48,00€



Cod. 05.056.01
56,00€



Cod. 05.056.07
88,00€



Cod. 05.056.03
26,00€

Per - For - Per - Für - Para
Mercedes, Smart, VW, Opel, BMW
(24/27/32/36/38mm)

038K6M/3000

Cod. 04.053.00

94,00€



Tester prova compressione motori benzina con manometro 0-20bar (psi).

Il kit include:
*attacco M10x1,0 (moto),
 attacco M12x1,25 (moto),
 attacco M14x1,25 (2 pezzi),
 attacco M18x1,5,
 maschio per filetti M10/M12,
 maschio per filetti M14/M18.*

Compression tester for petrol engines with manometer 0-20bar.

The kit includes:
*M10x1,0 coupling (motorcycles),
 M12x1,25 coupling (motorcycles),
 M14x1,25 coupling (2 pieces),
 M18x1,5 coupling,
 male for threads M10/M12,
 male for threads M14/M18.*

Compressiomètre moteur essence avec manomètre 0-20bar (psi).

Le kit inclus :
*raccord M10x1,0 (motos),
 raccord M12x1,25 (motos),
 raccord M14x1,25 (2 pièces),
 raccord M18x1,5,
 masculin pour filetage M10/M12,
 masculin pour filetage M14/M18.*

Verdichtungstester für Benzinmotoren mit Manometer 0-20bar (psi).

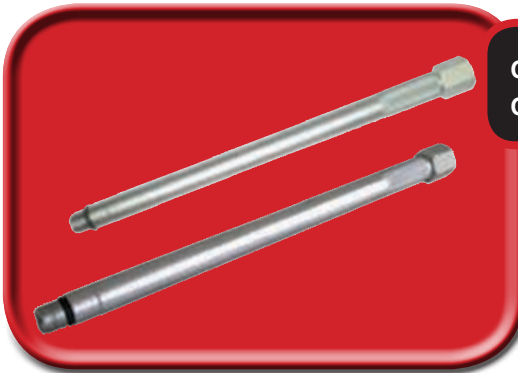
Das Kit umfasst:
*Gewindestutzen M10x1,0 (Motorräder),
 Gewindestutzen M12x1,25 (Motorräder),
 Gewindestutzen M14x1,25 (2 Stück),
 Gewindestutzen M18x1,5,
 Gewindebohrer M10/M12,
 Gewindebohrer M14/M18.*

Tester prueba compresión motores de gasolina con manómetro 0-20bar (psi).

El kit incluye:
*empalme M10x1,0 (moto),
 empalme M12x1,25 (moto),
 empalme M14x1,25 (2 unidades),
 empalme M18x1,5,
 macho para filetes M10/M12,
 macho para filetes M14/M18.*

Cod. 04.053.07

38,00€



Coppia barre di estensione per prova compressione 12/14mm
 Compression test adaptors (2pcs) 12/14mm

Questo adattatore extra lungo per prova compressione è progettato per adattarsi a candele di 12/14mm. Questo utensile è essenziale su BMW E90 335i con motori N54 >2006, BMW MINI, MERCEDES M156, FORD DURATECH 16V. Utilizzabile anche su motori Peugeot 207/307 e Renault 1.2 16 valvole. Design speciale per estendere la filettatura delle candele in sede profonda per facilitare i test.

This extra-long compression test adaptor is designed to fit 12 and 14mm spark plugs. This tool is now essential on BMW E90 335i with N54 engine 2006, BMW MINI, MERCEDES M156, FORD DURATECH 16V. Also used on Peugeot 207/307 and Renault 1.2 16 valve engines. Special design to extend the spark plug thread in the deep hole for easier testing.

038K9M/3000

Cod. 04.053.05

381,00.€



Prova compressione Diesel (anche Common Rail)
 Compression Tester for Diesel (also Common Rail)
 Testeur de compression pour les moteurs diesel
 (aussi pour Common Rail)
 Kompressions-Druckprüfgerät für Dieselmotoren
 (auch Common Rail)

Tester prueba compresión Diesel
 (también Common Rail)

Applicazioni / Applications / Applications / Anwendungen / Aplicaciones:

Alfa Romeo, BMW, Chrysler, Daewoo, Fiat, Ford, Hyundai, ISU24, Landrover, LDV, Mazda, Mercedes, Mitsubishi, Nissan, Opel, PSA, Renault, SAAB, Suzuki, Toyota, VAG, Vauxhall, Volvo
 Injectors: M20, M22, M24 e Ford Stanadyne TDI Injectors

Auto	Cars	Voitures	PKWs	Autos
Veicoli commerciali	Commercial Vehicles	Véhicules utilitaires	Nutzfahrzeuge	Vehiculos Comerciales
macchine agricole	Agricultural Machinery	Machines agricoles	Landmaschinen	Maquinaria Agrícola
autocarri	Trucks	Camions	LKWs	Camiones
motori marini	Marine Engines	Moteurs Marins	Schiffmotoren	Motores Marinos

038K7M/3000

Cod. 04.053.06

94,00€



Aggiornamento al kit
 Upgrade for kit
 Mise à jour kit
 Upgrade für
 Actualización para kit

04.053.01

Cod. 05.066.01

280,00 €

**ATTREZZO LEVABOLLI PNEUMATICO CON 10 VENTOSE
PNEUMATIC PULLER WITH 10 SUCTION CUPS**



Porta ventose
Connect hook

Cilindro pneumatico
Air cylinder

Valvola regolatrice pressione
Pressure control valve

Protezione in PVC
PVC protection

Viti di registro
Adjustable screw

Valvola di regolazione portata
Flow control valve

Entrata aria compressa
Compressed air inlet

CARATTERISTICHE TECNICHE:

Ideale per la riparazione di piccole bolle di carrozzeria
Dotata di regolatori di pressione e regolatore di portata
Corpo in acciaio inox con piano d'appoggio in PVC
Ingresso aria 1/4"
Pressione 4÷12 bar (0,4 - 1,2 MPa) 60÷175 psi

TECHNICAL SPECIFICATIONS:

Ideal for repairing small vehicle body damages
Pressure regulator and flow control valve for a safe usage
Stainless steel with PVC protection for high quality and long life
Air inlet: 1/4"
Operating pressure 4÷12 bar (0,4 - 1,2 MPa) 60÷175 psi

ACCESSORI STANDARD

10 ventose in plastica
Adattatore di estensione

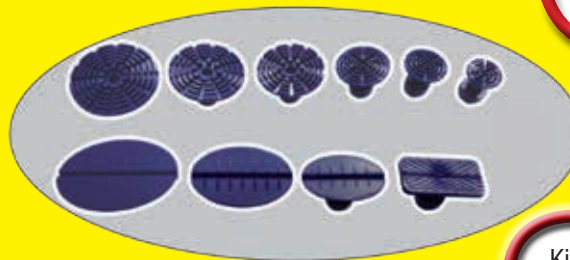
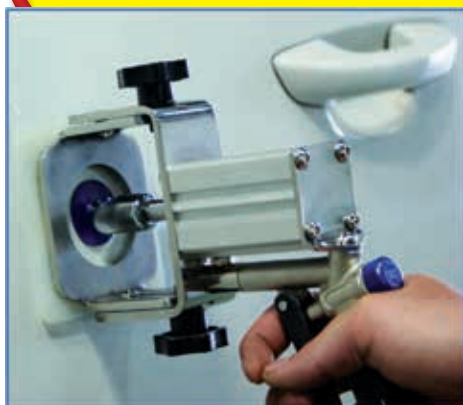
STANDARD ACCESSORIES

10 plastic suction cups
Extension adapter

Cod. 05.066.05

14,00 €

Kit 10 adattatori (ricambio)
10 adaptors kit (spare parts)



Cod. 05.066.00

142,00 €

IN ESAURIMENTO

Attrezzo levabolli a ventosa completo di due ventose.
Azionamento ad aria compressa

Pneumatic sheet concave sucker with 2 suction puller disks

Outil de réparation des meurtrissures à ventouse équipé de deux ventouses.
Actionné à air comprimé

Dellenentferner komplett mit zwei Saugköpfen. Druckluftbetrieb

Herramienta reparabollos con dos ventosas incluidas. Funcionamiento por aire comprimido

Cod. 05.074.04

270,00 €



MISURATORE DI SPESSORE VERNICI CON USCITA USB
PAINT THICKNESS METER WITH SERIAL OUTLET USB
MESUREUR DE L'ÉPAISSEUR DES VERNIS AVEC SORTIE USB
LACKSTÄRKEMESSER MIT USB-AUSGANG
MEDIDOR DE ESPESOR DE BARNIZ CON SALIDA USB

- Applicable aux surfaces métalliques et non métalliques
- Sonde intégrée (champ de mesure 0-1250 micron)
- Haute précision ($\pm 1 \div 3\%$)
- Dimensions 126x65x27, poids 81 gr
- 2 kit d'étalonnage inclus (métallique- non métallique)
- Coffret de transport
- Facultatif : câble sériel USB et logiciel d'installation

- Utilizzabile su superfici metalliche e non metalliche
- sonda incorporata (campo di misura 0-1250 micron)
- alta precisione ($\pm 1 \div 3\%$)
- dimensioni 126x65x27, peso 81 gr
- 2 kit di calibrazione inclusi (metallico-non metallico)
- valigetta di trasporto
- Optional: cavo seriale USB software installazione

- It can be used on metal and not metal surfaces
- Integrated probe (measurement field 0-1250 micron)
- High accuracy ($\pm 1 \div 3\%$)
- Dimensions 126x65x27, weight 81 gr
- 2 calibration kits included (metal-not metal)
- Case for transport
- Optional: serial cable USB and installation software

- Kann auf Metall-und Nichtmetalloberflächen benutzt werden
- Integrierte Sonde (Messbereich 0-1250 micron)
- Hohe Genauigkeit ($\pm 1 \div 3\%$)
- Abmessungen 126x65x27, Gewicht 81 gr
- 2 Kalibrierkits inbegriffen (Metall - nicht Metall)
- Transportcase
- Optional: Serialkabel USB und Einbau Software

- Utilizable sobre superficies metálicas y no metálicas
- Sonda integrada (campo de medición 0-1250 micron)
- Precisión elevada ($\pm 1 \div 3\%$)
- Dimensiones 126x65x27, peso 81 gr
- 2 kit de calibración incluidos (metálico-no metálico)
- Maletín para el transporte
- Opcional: cable serial USB software de instalación



Cod. 05.066.03

21,60 €

PISTOLA TERMOCOLLANTE
THERMOBINDING GUN

PISTOLA TERMOCOLLANTE CON AVANZAMENTO AUTOMATICO, CON LED CHE SEGNALE SE LA PISTOLA È COLLEGATA ALLA RETE ELETTRICA

THERMOBINDING GUN WITH AUTOMATIC ADVANCEMENT, EQUIPPED WITH A LED SIGNALLING IF THE GUN IS CONNECTED TO THE ELECTRICITY GRID

CARATTERISTICHE TECNICHE

Alimentazione
220V 35W, 200°C
Colla in stick Ø 12mm
Flusso colla 16 ÷ 20 g/min
Peso 413g
Imballo 24

TECHNICAL FEATURES

Power supply
220V 35W, 200°C
Stick glue Ø 12mm
Glue flow 16 ÷ 20 g/min
Weight 413g
Packaging 24

Cod. 05.066.02

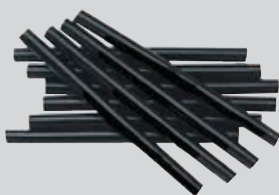
55,00 €



SET SVERNICIATORE
PAINT REMOVER SET

CARATTERISTICHE TECNICHE
2 velocità 300°C - 600°C
Flusso d'aria 500l/min - 650l/min
Potenza 230V 50Hz 1-2 Kw
Imballo 10

TECHNICAL FEATURES
2 speeds 300°C - 600°C
Air flow 500l/min - 650l/min
Power 230V 50Hz 1.2Kw
Packaging 10



Cod. 05.066.04

6,86 €

CANDELETTE DI COLLA
PER PISTOLA TERMOCOLLANTE

GLUE CANDELS FOR THERMOBINDING GUN

CARATTERISTICHE TECNICHE

Colore Nero
Dimensioni 10pz Ø 12 x 200mm 200gr
Imballo 10*/30

TECHNICAL FEATURES

Colour Black
Dimensions 10pcs Ø 12 x 200mm 200gr
Packaging 10*/30

Cod. 05.090.25

48,00 €



Kit smontaggio airbag (12 pz.)
12 pcs. air bag removal tool set
Kit de démontage pour airbag (12 pcs.)
Airbag Werkzeug Satz (12 Stk.)
Kit para desmontar bolsas de aire (12 pzas.)

KIT INCLUDES:

- 5 1/4" DR. X 87 MM (L) BIT SOCKET:
- 2 TORX: T25 (FOR BMW), T30 (FOR AUDI, OPEL, RENAULT, VW)
- 1 HEX: 5MM (FOR AUDI)
- 7 AIRBAG REMOVAL TOOL:
 1-#1: airbag removal tool is used to remove driver airbag from steering wheel on 1999-2004 NEW BODYSTYLE VW PASSAT, JETTA, GOLF & BEETLE
 2 - #2: FOR VW PASSAT B5, POLO, LUPO, AUDI A4, A6, SKODA SUPERB
 2 - #3: FOR VW GOLF 4, NEW BEETLE, SEAT, SKODA FABIA, OKTAVIA AB BJ.99
 1 - #4: FOR VW GOLF 4 (BJ. 1998-2004), VW PASSAT AB BJ.1997, BORA AB BJ.1999
 1 - #5: FOR VW - MODELLE U.A.: PASSAT AB BJ.2000

IL KIT INCLUDE:

- 5 CHIAVE 1/4" DR. X 87 MM (L)
- 2 TORX : T25 (PER BMW), T30 (per AUDI, OPEL , RENAULT, VW)
- 2 TORX (a prova di manomissione): T25H (per BMW), T30H (per AUDI, BMW, MERCEDES, OPEL)
- 1 HEX: 5 MM (per AUDI)
- 7 ATTREZZI PER LA RIMOZIONE DELL'AIRBAG:
 1 N.1: attrezzo per la rimozione dell'airbag utilizzabile per airbag volante lato conducente su modelli VW PASSAT, JETTA, GOLF E BEETLE 1999-2004
 2 - N.2: per VW PASSAT B5, POLO, LUPO, AUDI A4, A6, SKODA SUPERB
 2 - N.3: per VW GOLF 4, NEW BEETLE, SEAT, SKODA FABIA, OKTAVIA AB BJ.99
 1 - N.4: per VW GOLF4 (BJ, 1998-2004), VW PASSAT AB BJ. 1997, BORA AB BJ.1999
 1 - N.5: per VW MODELLO U.A.: PASSAT AB BJ.2000

Cod. 05.092.00

25,00 €



SET SMONTATUTTO

6 utensili in plastica molto resistente, consentono di togliere tutti gli accessori smontabili dal veicolo senza graffiare le parti relative e la vernice.

UNIVERSAL DISMOUNTING SET

6 high-resistant plastic devices that enable you to remove all the dismantlable accessories from the vehicle without scratching the parts and the paint.

Cod. 05.091.02

98,00 €

Seghetto pneumatico

Air Car Body Saw



- ✓ Velocità: 9.000 rpm/min
- ✓ Lunghezza: 235 mm
- ✓ Peso: 770 g
- ✓ Consumo aria: 120 L/min
- ✓ Pressione aria: 6,3 bar
- ✓ Livello rumore: 72,0 dB (a)
- ✓ Accelerazione: 26,0 m/s²
- ✓ Max. capacità taglio: 1,2 mm

- ✓ Free speed: 9.000 rpm/min
- ✓ Length: 235 mm
- ✓ Weigth: 770 g
- ✓ Air consumption: 120 L/minute
- ✓ Air pressure: 6,3 bar
- ✓ Noise level: 72,0 dB (a)
- ✓ Acceleration: 26,0 m/s²
- ✓ Max. cutting capacity: 1,2 mm

BASE

Cod. 05.091.00

140,00 €

PLUS

Cod. 05.091.01

320,00 €



STACCAVETRI PNEUMATICO

Il kit Plus include 12 lame

PNEUMATIC KIT TO REMOVE WINDOWS

The kit Plus includes 12 blades

DÉTACHE-GLACES PNEUMATIQUE

Le kit Plus inclus 12 lames

PNEUMATIK KIT FÜR SCHEIBENABNAHME

Das Kit Plus schließt 12 Blätter ein

HERRAMIENTA PARA DESMONTAR CRISTALES NEUMÁTICA

El kit Plus incluye 12 hojas

Cod. 05.091.10

14,00 €



KIT SUPER RASCHIETTO SUPER SCRAPERS

Per rimuovere etichette/adesivi, in plastic dura e lame in acciaio
To remove labels/stickers, in hard plastic and steel blades

Cod. 01.000.22

99,00 €



TERMO IGROMETRO ELETTRONICO ELECTRONIC THERMOHYGROMETER

È dotato di sonda integrata in grado di misurare nell'ambiente la temperatura e l'umidità relativa, nel tempo di 2 minuti. È indispensabile quando si usano prodotti ad acqua in quanto calcola automaticamente il punto di rugiada, consentendo quindi una perfetta adesione della vernice alla superficie.

It has an integrated sound which can measure environmental temperature and relative humidity in 2 minutes. This is essential when water products are used, since this instrument automatically calculates the dew point and enables a perfect adhesion of the paint to the surface.

Campo di misurazione:

da 5 a 95% di umidità-rugiada
da -10° a +50°C di temperatura

Measuring range:

from 5 to 95% of humidity-dew
from -10° to +50°C of temperature

NEW

Cod. 05.090.23

49,00 €



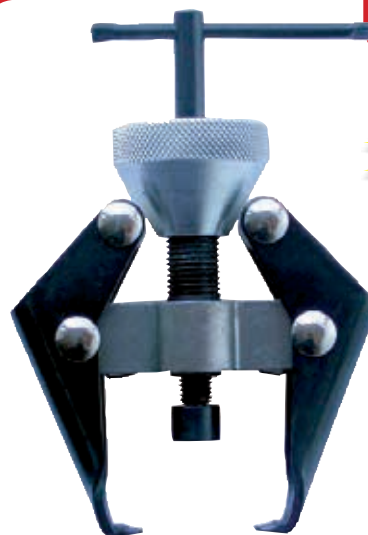
ALLARGAFORI A GRADINI 3 Pz STEPPED HOLE ENLARGER 3 Pcs

- Ideali per forare lamine di metallo sottili senza deformarle
- Per tutti i tipi di metallo e plastica industriale e lamine fino a 3 mm di spessore
- Contenuto: 1x4-12mm, 1x4-20mm, 1x4-32mm
- Valigetta in legno

- Ideal for drilling thin metal sheets without distorting
- For all types of metal, industrial plastic and sheet metal up to 3 mm thick
- Content: 1x4-12mm, 1x4-20mm, 1x4-32mm
- Wooden case

Cod. 05.090.22

22,00 €



NEW

Estrattore per terminali batteria e bracci tergcristalli

Two Leg Puller for Battery Terminals and Widescreen Wipe Arms

regolabile ed è adatto per la maggior parte delle auto e dei camion prima liberare il dado, poi mettere l'estrattore sul dado e girare la maniglia

adjustable and suitable for most car and truck types applications: loose nut first, then put puller on the nut and spin puller handle

Art. 079/02
Cod. 05.008.01
13,00 €

Vassoio magnetico
Magnetic part dish
Plateau magnétique
Magnetablage
Bandeja magnética



(240x140 mm)

Cod. 05.013.03
24,00 €

COPERTURA PARAFANGO

Protegge la carrozzeria da graffi e urti accidentali. In panno e neoprene. Dimensioni: 110x40cm Confezione da 20pz

WORKSHOP WING COVER

It protects the car wing from scratches and accidental damage. Cloth and neoprene. Dimensions: 110x40cm Pack of 20pcs



Art. 059
Cod. 04.042.00
27,00 €



SOPPRESSORE DI IMPULSI
IMPULSE SUPPRESSOR

(12 Volts) Protegge gli impianti di iniezione e accensione elettronica da picchi di tensione durante i lavori di saldatura in carrozzeria: si monta tra + e - della batteria.

(12 Volts) It protects electronic injection and ignition from voltage peaks during welding operations in workshops. It has to be installed between the + and - of the battery.

Art. 059/01
Cod. 04.042.01
27,00 €

Disponibile 24V
Available 24V - Disponible 24V
Verfügbar 24V - Disponible 24V

Cod. 05.084.04
128,00 €



CAPRETTA SOLLEVAMENTO MOTORI
ENGINE LIFTING CRANE



Cod. 05.083.02
30,00 €

SGABELLO PORTAUTENSILI PER OFFICINA
TOOLS-HOLDER STOOL FOR WORKSHOPS

Peso: 3,8kgs
Dimensioni: 360x365x365mm

Weight: 3,8kgs
Dimensions: 360x365x365mm



Cod. 05.087.10

49,00 €



Cavalletto appoggia cristalli
Saw-horse for windows
Béquille soutien glaces
Abstützbock für die Fenster
Caballote para apoda cristales

Cod. 05.064.00

130,00 €



Kit smontaggio/montaggio parabrezza

Il kit include: 2 coppie di ventose oscillanti, 2 coppie di maniglie tirafilo, 1 attrezzo inseritore filo, 1 cinghia a cricchetto, 1 matassa di filo a sezione quadra.

Kit for mounting and dismantling windcreens

The kit includes: 2 couples of swivelling vacuum cups, 2 couples of wire gripping handles, wire feeder tool, ratchet, steel square wire.

Kit de démontage/montage du pare-brise

Le kit inclus: 2 couples de ventouses flottantes, 2 couples de poignées tire-fil, 1 outil pour insérer le fil, 1 courroie à cliquet, 1 écheveau de fil à section carrée.

Kit Demontage/Montage von Windschutzscheiben

Das Kit enthält: 2 Paar schwingende Vakuumschalen, 2 Paar Drahtspanngriffe, 1 Drahtführwerkzeug, 1 Zahngesperre, 1 Strang Draht von quadratischem Querschnitt.

Kit para montar y desmontar parabrisas

El kit incluye: 2 pares de ventosas oscilantes, 2 pares de asas tirahilos, 1 herramienta para introducir el hilo, 1 correa con carraca, 1 madeja de hilo de sección cuadrada.



Cod. 05.087.02

180,00 €

Cavalletto estensibile multiuso
Extendible multi-purpose sawhorse
Chevalet extensible multi-usage
Ausziehbarer Vielzweck-Bock
Caballote extensible multiuso

Piani di lavoro rivestiti in gomma antiscivolo
Regolazione in altezza (fino a 132cm)
Regolabile in apertura
(da 22,5 cm chiuso a 138cm completamente aperto)
Portata 100kg
2 ruote con freno
Ideale come supporto di appoggio per officine, carrozzerie,
laboratori di assemblaggio in genere
Nei momenti di non uso occupa uno spazio di 0,2m²

Working surface covered with non slip rubber

Adjustable height (up to 132cm)

Adjustable opening (from 22,5 cm closed to 138cm completely open)

Capacity 100kg

4 wheels with brake

Ideal as a support for workshops, car body repairers' and assembling laboratories

When closed it takes 0,2m²

Plans de travail revêtus en caoutchouc antidérapant

Réglage en hauteur (jusqu'à 132cm)

Réglable au niveau de l'ouverture (de 22,5 cm fermé à 138cm entièrement ouvert)

Charge 100kg

4 roues avec frein

Idéal comme soutien d'appui pour ateliers, carrosseries, laboratoires d'assemblage en général

En cas de non-utilisation, occupe un espace de 0,2m²

Arbeitsflächen mit rutschfestem Gummi
Höheneinstellung (bis 132 cm)

Auszug einstellbar (von 22,5 cm geschlossen bis 138 cm ganz ausgezogen)

Tragfähigkeit 100 kg

4 Räder mit Bremse

Ideal als Stützfläche für Werkstätten, Karosserie- und allgemeine Montagewerkstätten

Falls er nicht benötigt wird, nimmt er geschlossen nur 0,2m² in Anspruch

Tablero de trabajo con cobertura de caucho antideslizante

Altura ajustable (hasta 132cm)

Abertura ajustable (desde 22,5 cm cerrado hasta 138cm completamente abierto)

Capacidad 100kg

4 ruedas con freno

Ideal como soporte para talleres, carrocerías, laboratorios de ensamblaje

Cuando no se utiliza ocupa un espacio de 0,2m²

Cod. 05.088.24

340,00 €

NEW

**CARRELLO DI SERVIZIO
PER CARROZZERIA**

**SERVICE TROLLEY
FOR VEHICLE BODY PARTS**

**CARRITO DE SERVICIO
PARA PIEZAS DE CARROCERÍA**

**CHARIOT DE SERVICE
POUR PARTIES DE CARROSSERIE**



CARATTERISTICHE TECNICHE

Dimensioni imballo
1565x600x180mm
Peso 48,5kgs

TECHNICAL FEATURES

Packaging dimensions
1565x600x180mm
Weight 48,5kgs

CARACTERÍSTICAS TÉCNICAS

Dimensiones del embalaje
1565x600x180mm
Peso 48,5kgs

CARACTÉRISTIQUES TECHNIQUES

Dimensions d'emballage
1565x600x180mm
Poids 48,5kgs

Cod. 05.087.12

220,00 €

NEW

RASTRELLIERA PORTA PARAURTI

BUMPERS-HOLDER RACK

ESTANTE PARA PARACHOQUES

PORTE PARE-CHOCS



Dimensioni imballo
1970x285x120mm
Peso 29kgs

Packaging dimensions
1970x285x120mm
Weight 29kgs

Dimensiones del emba-
laje 1970x282x120mm
Peso 29kgs

Dimensions d'emballage
1970x282x120mm
Poids 29kgs

Cod. 05.086.05

128,00€

Easy Step Home

Per uso privato o professionale
For private and professional use



Altezza massima: 2,60mt	Maximum height: 2,60mt
Altezza minima: 83cm	minimum height: 83cm
Portata: 150kg	Capacity: 150kg
Peso: 6kg	Weight: 6kg

ATTREZZATURE A NORMA
EN131
IN COMPLIANCE WITH

Cod. 05.086.00

198,00€

LINEA EASY STEP

Scale per la manutenzione industriale e l'assistenza tecnica in genere
Ladders for industrial maintenance and general technical assistance



Compatta
(95cm di altezza minima)
Si chiude e si apre in un minuto
Altezza massima 3,80 mt
Nuovo modello con
dispositivo "salvadita"

Compact
(95cm minimum height)
You open and close it in 1 minute
Maximum height 3,80 mt
New model with
"finger-saving" device



ATTREZZATURE A NORMA
EN131
IN COMPLIANCE WITH

Cod. 05.086.04

98,00€

Scala multiposizione Multi-position ladder

Altezza massima: 3.1 mt
Altezza minima: 1.03 mt
No. Scalini: 4x3
Base appoggio: 470 mm
Portata: 150 kg
Peso: 12 kg

Maximum height: 3.1 mt
Minimum height: 1.03 mt
Nr. of steps: 4x3
Standing base: 470 mm
Capacity: 150 kg
Weight: 12 kg



ATTREZZATURE A NORMA
EN131
IN COMPLIANCE WITH

Cod. 05.073.18

78,00€



**NUOVE LAMPADE A TECNOLOGIA COB
(Chip On Board) led**
NEW COB LAMPS FOR WORKSHOPS

- »» Lampada da lavoro cordless per professionisti
- »» Utilizza l'ultima tecnologia LED: Chip on Board (COB)
- »» Rotazione: -90° ± +90°
- »» Corpo in ABS gommato
- »» Dotata di gancio estraibile
- »» Ricarica completa: 4 ore
- »» Autonomia: 4 ore
- »» Base magnetica
- »» Caricabatteria: 230V50H e 12VDC
- »» Fabbricata in Europa

- »» Cordless work lamp for professionals
- »» Latest LED technology: Chip on Board (COB)
- »» Flex function: 45+90° degrees
- »» Rubberized ABS body
- »» Removable hook
- »» Charging time: 4 hours
- »» Autonomy: 4h
- »» Powerful magnetic Base
- »» Battery charger: 230V50H and 12VDC
- »» Made in Europe



TABELLA COMPARATIVA LAMPADE DA LAVORO SPIN / SPIN'S WORK LAMPS' COMPARISON TABLE

Modello/Model Codice/Code	05.073.07	05.073.08	05.073.09	05.073.10	05.073.13	05.073.18 NEW	05.073.19 NEW	05.073.20 NEW
Alimentazione Power supply	2 x 1.5V Pila carbone (non inclusa) 2 x 1.5V Carbon cell (not included)	3.7V 2000 mAh Li-ion	Doppio neon 15W / Double neon 15W	3.7V 4400mAh	3.7V 1200mAh Li-ion	7.4V 1800mAh Li-ion	12÷24V DC	3.7V 1900mAh Li-ion
Caricatore standard Standard charger	AC ✓ DC ---	✓	✓	✓	✓	✓	---	✓
Isolamento/Insulation	---	IP68 waterproof	IP45	IP20	IP54	---	---	---
Rinforzo contro gli urti Shock proof	---	✓	---	---	---	---	---	---
Tecnologia LED LED Technology	14 LED	3+1 LED Alta Potenza H. Power 3+1 LED	Doppio neon 15W Double neon 15W	128 LED	21+5 LED	C.O.B. LED	C.O.B. LED	C.O.B. LED
Lumen	100lm	240lm	---	600lm	120lm	300lm	200lm	200lm
	✓	---	---	---	✓	✓	✓	✓
	---	✓	✓	2	2	1	1	1
	✓	---	---	---	✓	✓	---	---
More/ Informazioni aggiuntive	Lenti Ø 100 3x / 3x Ø 100 Lens	Caricatore a induzione Induction charger	Cavo da 5mt 5mt Cable	2 ganci regolabili 1.2 + 1.8mt 2 adjustable hooks 1.2 + 1.8mt	2 ganci / 2 hooks		Spessore 6mm Thickness 6mm	Spessore 6mm Thickness 6mm
PRICE LIST	€ 48,00	€ 78,00	€ 20,00	€ 120,00	€ 39,00	€ 78,00	€ 38,00	€ 69,00

Cod. 05.073.19

38,00€



SUPERSLIM COB LAMP

SUPERSLIM COB LAMP

Tensione di funzionamento: 12±24V DC
Lunghezza cavo: 5 mt
Adattatore femmina accendisigari con pinze
3 magneti
Potenza Led: 3W (COB)

SUPERSLIM COB LAMP

Power supply: 12±24V DC
Wire length: 5mt
Female adaptor with pliers
3 Magnets
LED Power 3W (COB)

12÷24 V
DC

200 LUMEN

6mm
SUPERSLIM

3

Cod. 05.073.20

69,00€



COB SLIM

LAMPADA PORTATILE CON BATTERIA

PORTABLE LAMP WITH BATTERY

COB SLIM

Batteria: Litio 3.7V 1900 mAh
Carica: 4 ore, 2 intensità
Intensità/durata: 1: 3 ORE
Intensità/durata: 2: 4.5 ORE
C.O.B. LED: 200lm
Spessore: 6mm
4 punti magneti
Gancio in metallo

COB SLIM

Lithium battery: 3.7V 1900 mAh
Load: 4 hours, 2 intensities
Duration/Intensity: 1: 3 hours
Duration/Intensity: 2: 4.5 hours
C.O.B. LED: 200 lm
Thickness: 6mm
4 magnets
Superior metal hook



200 LUMEN

6mm
COB LED

4

Cod. 05.073.08

78.00 €

LAMPADA PORTATILE RICARICABILE A 3 + 1 LED di alta potenza
RECHARGEABLE PORTABLE LED LAMP 3 LED + 1 HIGH-POWER LED
LAMPE PORTABLE RECHARGEABLE A 3 + 1 LED de haute puissance
AUFLADBARE UND TRAGBARE LEISTUNGSSTARKE 3 + 1 LED -LAMPE
LÁMPARA PORTÁTIL RECARGABLE DE 3 + 1 LED de potencia elevada



Sistema di ricarica con tecnologia ad induzione (nessun contatto tra lampada e caricatore)

3 Led ad alta potenza (+ uno tipo torcia) foto A

ROBUSTA (classe di protezione III) foto B

IMPERMEABILE (classe isolamento IP 68) foto C

Segnalazione visiva a 30 minuti di capacità residua delle batterie

Spegnimento automatico in caso di tensione batterie troppo bassa

Gancio a scomparsa

Controllo elettronico della carica (La lampada può restare sempre inserita nel suo caricatore)

Tempo medio di ricarica 4/5 ore.

Autonomia media ¾ ore

Dimensioni imballo 325x120x100 mm

Peso 0,9Kg

Recharging system with induction technology (no contact between the lamp and the charger)

3 high-power Led (+ 1 torch-like) Picture A

Strong (III protection class) picture B

WATER-PROOF (Insulation class IP 68) picture C

Visual signal emitted with residual battery power of 30 minutes

Automatic turn-off in case of extremely low battery voltage

Foldaway hook

Electronic control of the charge (the lamp can be always plugged into the charger)

Average recharge time 4/5 hours.

Average endurance ¾ hours

Packaging dimensions 325x120x100 mm

Weight 0,9Kg

Système de recharge avec technologie à induction (aucun contact entre lampe et chargeur)

3 Leds haute puissance (+ un type torche) photo A

Robuste (class de protection III) photo B

IMPERMÉABLE (class isolation IP 68) photo C

Affichage à 30 minutes de capacité résiduelle de la batterie

Éteignement automatique en cas de tension de la batterie trop basse

Crochets escamotable

Control électronique de la charge (la lampe peut rester toujours branchée à son chargeur)

Temps moyen de recharge 4/5 heures.

Autonomie moyenne 3/4 heures

Dimensions emballage 325x120x100 mm

Poids 0,9Kg

Ladesystem mit Induktions-Technologie (kein Kontakt zwischen der Lampe und Ladegerät)

3 hoch Leistung Led (+ ein wie Taschenlampe) Bild A

Robust (Schutzklasse III) Bild B

WASSERDICHT (Isolierungsklasse IP 68) Bild C

Optische Anzeige 30 Minuten Akkurestladung

Automatische Abschaltung wenn die Batteriespannung zu niedrig ist

Klapphaken

Elektronische Ladungskontrolle (Die Lampe kann immer in ihrem Ladegerät bleiben)

Durchschnittszeit von Ladung 4/5 Stunden.

Durchschnittsreichweite ¾ Stunden

Verpackungsdimensionen 325x120x100 mm

Gewicht 0,9Kg

Sistema de recarga con tecnología de inducción (ningún contacto entre la lámpara y el cargador)

3 Led de potencia elevada (+ 1 tipo antorcha)Foto A

Sólida (clase de protección III) foto B

IMPERMEABLE (clase aislamiento IP 68) foto C

Señalización visual hasta una capacidad residual de las baterías de 30 minutos

Apagado automático en caso de voltaje demasiado de las baterías

Gancho plegado

Controlo electrónico de la carga (La lámpara puede estar siempre conectada a su cargador)

Tiempo de recarga 4/5 horas.

Autonomía ¾ horas

Dimensiones embalaje 325x120x100 mm

Peso 0,9Kg



Cod. 05.073.13

39.00 €

**Lampada magnetica orientabile
con batterie al litio**

**Orientable magnetic lamp
with lithium batteries**

**Lampe magnétique orientable
avec batteries au lithium**

**Magnetische orientierbare
Lampe mit Lithiumbatterie**

**Lámpara magnética orientable
con baterías de litio**



- ✓ 21 + 5 led with high efficiency
- ✓ 4h autonomy
- ✓ Double hook
- ✓ Lithium-Ion battery and charger included
- ✓ Rotating magnetic base (180°)

- ✓ 21 leds + 5 à haute efficience
- ✓ Autonomie 4h
- ✓ Double griffe
- ✓ Batteries au lithium et chargeur de batterie inclus
- ✓ Base magnétique tournante (180°)

- ✓ 21 + 5 Led mit hoher Effizienz
- ✓ 4 Stunden Autonomie
- ✓ Doppelhacken
- ✓ Lithium-Ionen-Akku und Ladegerät inbegriffen
- ✓ Magnetische drehbare Basis (180°)

- ✓ 21 led + 5 de eficiencia elevada
- ✓ Autonomía 4h
- ✓ Doble garra
- ✓ Baterías de litio-ion t recargador de baterías incluido
- ✓ Base magnética giratoria (180°)



Cod. 05.073.09

220V- 50Hz 20.00 €

**LAMPADA A NEON PER OFFICINA
NEON LAMP FOR WORKSHOP
LAMPE NEON POUR GARAGE
NEONLAMPE FÜR WERKSTATT
LÁMPARA DE NEÓN PARA TALLER**

- ✓ Maggiore potenza (15 W) con tubo neon sostituibile
- ✓ impugnatura in gomma ergonomica e antiolio
- ✓ 5 mt di cavo con spina
- ✓ Isolamento IP45

- ✓ Greater power (15 W) with replaceable neon lighting
- ✓ hergonomic and oil-proof rubber handle
- ✓ 5 mt of cable with plug
- ✓ Insulation IP45

- ✓ Majeure puissance (15 W) avec néon remplaçable
- ✓ poignée en caoutchouc ergonomique et anti-huile
- ✓ 5 mt de cable avec fiche
- ✓ Isolation IP45

- ✓ Mehr Leistung (15 W) mit auswechselbaren Neonröhre
- ✓ ergonomische Gummigriff und Anti-Öl
- ✓ 5 m Kabel mit Stecker
- ✓ Isolierung IP45

- ✓ Mayor potencia (15 W) con tubo de neón reemplazable)
- ✓ empuñadura ergonómica de goma antiaceite
- ✓ 5 mt di cable con enchufe
- ✓ Aislamiento IP45

Cod. 05.073.07

48.00€



Lampada a 14 led con lente,
alimentazione a 2 batterie 1,2V ricaricabili (non incluse)
o 220V con alimentatore

Led Lamp with lens,
power supply with 2 rechargeable batteries 1,2V (not included)
or 220V with charger

Lampe à 14 leds avec lentille,
alimentation avec 2 batteries 1.2V rechargeables (pas fournies)
ou 220V avec alimentateur

14 led Lampe mit Linse,
Versorgung mit zwei 1,2V wiederaufladbare Batterien (nicht inbegriffen)
oder 220V mit Energieleitung

Lámpara de 14 led con lente,
alimentación con 2 baterías 1,2V recargables (no incluidas)
o 220V con alimentador.

Cod. 05.073.10

120.00€



LAMPADA SOTTO COFANO A 128 LED
CON BATTERIE RICARICABILI (AL LITIO)

128 LED UNDER-BONNET LAMP
WITH RECHARGEABLE BATTERIES (IN LITHIUM)

LAMPE SOUS CAPOT DU MOTEUR A 128 LED
AVEC BATTERIES RECHARGEABLE (AU LITHIUM)

128 LED LAMPE UNTER DER MOTORHAUBE,
MIT AUFLADBAREN BATTERIEN (LITHIUM)

LÁMPARA BAJO CAPÓ DE 128 LED
CON BATERÍAS RECARGABLES (DE LITIO)



- Regolabile in lunghezza (da 120 a 180cm)
- Adjustable in length (from 120 to 180 cm)
- Réglable en longueur (de 120 à 180cm)
- Längenregulierbar (von 120 bis 180cm)
- Regulable en longitud (desde 120 hasta 180 cm)
- Ganci in nylon con rico pertura "soft"
- Nylon hooks with "soft" covering
- Griffes en nylon avec couverture "soft"
- Nylonhaken mit "Soft" Umkleidung
- Ganchos de nylon con recubrimiento "soft"
- Caricabatteria automatico in dotazione (220V AC)
- Equipped with automatic battery charger (220V AC)
- Chargeur de batterie automatique en dotation (220V AC)
- Komplett mit auto matschem Ladegerät (220V AC)
- Recargabatería automático incluido (220V AC)

VIDEOSCOPIO *Evolution*



Cod. 03.029.14
720,00 €

Ø 5,5mm L=1000

Cod. 03.029.33
780,00 €

Ø 4mm L=1000



Nuove prestazioni

- Sonda semirigida, resistente ad oli e abrasioni
- 4 led con illuminazione potenziata
- Maggiore velocità di ripresa in video e foto
- Memory card potenziata (fino 25.000 foto o video)
- Menu in 6 lingue (Italiano, English, Deutsch, Français, Español, Portugues)
- Migliore qualità dei colori e risoluzione

New performances

- Semirigid probe, oil-proof and abrasion resisting
- 4 leds with powered light
- Faster video recording and picture taking
- Powered memory card (up to 25.000 pictures or videos)
- Menu in 6 languages (Italiano, English, Deutsch, Français, Español, Portugues)
- Better quality of the colours and resolution

Nouvelles performances:

- Sonde semi-rigide, résistante à huile et abrasions
- 4 led avec illumination de majeure intensité
- Majeure vitesse d'enregistrement de vidéos et photos
- Memory card de majeure capacité (jusqu'à 25.000 photos ou vidéos)
- Menu en 6 langues (Italiano, English, Deutsch, Français, Español, Portugues)
- Meilleure qualité des couleurs et de résolution

CARATTERISTICHE TECNICHE

- ✓ Ø 5,5mm di diametro
- ✓ Risoluzione dinamica 320x240 pixel
- ✓ 4 LED ad alta efficienza
- ✓ Video da 3.5" in vetro temperato resistente ad oli e abrasioni
- ✓ Lunghezza cavo flessibile= 1000/2000/3000mm
- ✓ Memorizza foto e video che può scaricare su pc o su video tv tramite porta USB.
- ✓ Memoria SD fino a 2 GB
- ✓ Specchio 90°/70°/110°
- ✓ Immagazzinamento immagini in formato jpeg
- ✓ 4 tasti per scorrimento menù
- ✓ Pacco batterie (al litio) ricaricabili
- ✓ Applicazioni: motori benzina e diesel auto e industriali, marini, aviazione, impianti a/c, lamierati, macchinari industriali in genere.
- ✓ Dimensioni: 200x117x37;
- ✓ Peso: 0,7 Kg

TECHNICAL FEATURES

- ✓ Diameter: Ø 5,5mm
- ✓ Dynamic Resolution 320x240 pixel
- ✓ 4 high-efficiency LED
- ✓ 3.5" screen in oil-proof and abrasion resisting tempered glass resistant
- ✓ Flexible hose length= 1000/2000/3000mm
- ✓ It stores pictures and video, which can be also downloaded to the pc or TV screen through USB port.
- ✓ SD memory card up to 2GB
- ✓ 90°/70°/110° Mirrors
- ✓ It stores jpeg pictures
- ✓ 4 keys to scroll the menu
- ✓ Rechargeable (lithium) battery pack
- ✓ Applications: gasoline and diesel engines of cars and industrial vehicles, boats, aviation, a/c systems, plates, industrial machineries.
- ✓ Dimensions: 200x117x37;
- ✓ Weight: 0,7 Kg

CARACTÉRISTIQUES TECHNIQUES

- ✓ Diamètre: Ø 5,5mm
- ✓ Résolution dynamique 320x240 pixel
- ✓ 4 LED à haute efficacité
- ✓ Ecran de 3.5" en verre trempé résistant aux huiles et aux abrasions
- ✓ Longueur du câble flexible= 1000/2000/3000mm
- ✓ Mémorisation de photos et images qu'on peut transférer sur PC ou sur vidéo TV avec porte USB.
- ✓ Mémoire SD jusqu'à 2GB
- ✓ Miroir à 90°/70°/110°
- ✓ Mémorisation des images en format jpeg
- ✓ 4 touches pour avancer le menu
- ✓ Paquet batteries (au lithium) rechargeables
- ✓ Applications: moteurs essence et diesel de voitures et camions, moteurs marins, aviation, et systems A/C, machines industrielles en général.
- ✓ Dimensions: 207x117x37;
- ✓ Poids: 0,7kg

Neue Leistungen

- Halbsteifer Fühler, resistent gegen Öle und Abnutzungen
- 4 led mit mehr Beleuchtung
- Mehr Aufnahmeschnelligkeit von Video und Photos
- Gesteigerte Memory card (bis zu 25.000 Photos oder Video)
- Fühler mit Kleinbildkamera von 90° (auf Wunsch)
- Menu in 6 Sprachen (Italiano, English, Deutsch, Francais, Español, Portugues)
- Mehr Qualität von den Farben und der Auflösung

ALLGEMEINE DATEN

- ✓ Durchmesser: Ø 5,5mm
- ✓ Dynamische Auflösung: 320x240 Pixels
- ✓ 4 Hochleistungsfähigkeit LED
- ✓ Schirm von 3.5" aus Sekuritglas und resistent gegen Öle und Abnutzungen
- ✓ Flexibles Kabe: Länge=1000/2000/3000mm
- ✓ Es merkt Photos und Video, die es am PC oder am Videoschirm durch USB Halter übertragen kann.
- ✓ Steuerung SD bis zu 2 GB
- ✓ 90°/70°/110° Spiegel
- ✓ Speicherung Bilder mit Format jpeg
- ✓ 4 Tasten für den Gleiten von das Menu
- ✓ Paket von ladbare Batterien (aus Lithium)
- ✓ Anwendungen: Benzin /Dieselmotor Autos und industrielle, maritime, Luftfahrt, Klimaanlage aus Blech, industrielle Maschinen im Allgemeinen.
- ✓ Abmessungen: 207x117x37;
- ✓ Gewicht: 0,7 Kg

Nuevas prestaciones

- Sonda semirígida, resistente a los aceites y al desgaste por rozamiento
- 4 led con iluminación potenciada
- Mayor rapidez para grabar video y sacar fotografías
- Memory card potenciada (hasta 25.000 fotografías o videos)
- Menu en 6 idiomas (Italiano, English, Deutsch, Francais, Español, Portugues)
- Calidad de los colores y resolución más elevadas

DATOS TÉCNICOS

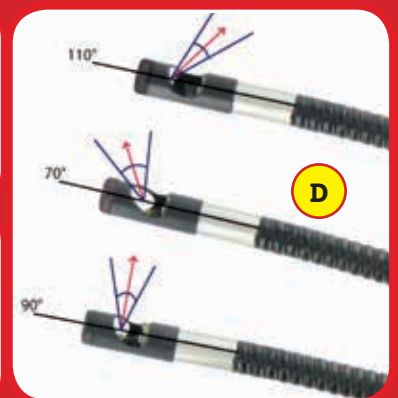
- ✓ Diámetro: Ø 5,5mm
- ✓ Resolución dinámica: 320x240 píxeles
- ✓ 4 LED de eficiencia elevada
- ✓ Pantalla de 3.5" de vidrio templado resistente a los aceites y al desgaste por rozamiento
- ✓ Longitud del cable flexible=1000/2000/3000mm
- ✓ Memoriza fotografías y vídeos, que se pueden descargar en el PC o en la pantalla TV a través del puerto USB.
- ✓ Memoria SD hasta 2GB
- ✓ Espejo 90°/70°/110°
- ✓ Memoriza imágenes en jpeg
- ✓ 4 teclas para deslizamiento menu
- ✓ Paquete de batería (litio) recargables
- ✓ Aplicaciones: motores de gasolina y diesel de coches y vehículos industriales, barcos, aviación, instalaciones a/c, planchas, maquinarias industriales.
- ✓ Dimensiones: 207x117x37;
- ✓ Peso: 0,7 Kg



- 1 Porta USB / USB port
- 2 Regolazione illuminazione / Light adjustment
- 3 Video TFT LCD 3,5" / 3,5" TFT LCD screen
- 4 Tasti men / Menu keys
- 5 Tasto per foto / Snap shot
- 6 Tasto per video / Video recording key
- 7 ON/OFF
- 8 Vano SD card /SD card slot
- 9 Porta AV / AV port
- 10 Presa AC / AC jack
- 11 Valigetta per il trasporto / Transport case

Corredo standard / Standard equipment

- | | |
|---------------------------------------------|-----------------------------------------|
| A Cavo AV / AV cable (2mt) | D Specchio / Mirror 70° 90° 110° |
| B Cavo USB / USB cable (USB 1.1/2.0) | E SD card (1GB) |
| C Caricabatteria / Battery charger | |



NEW



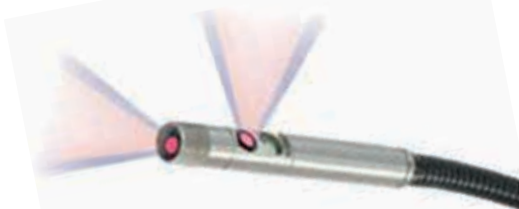
VIDEOSCOPIO CON DOPPIA VIDEOCAMERA E SONDA DA 5,8 MM

DOUBLE CAMERA AND 5.8 MM PROBE VIDEOSCOPE

VIDÉOSCOPE AVEC SONDE DE 5,8 MM ET DOUBLE CAMÉRA

DOPPELKAMERA-VIDEOSKOP MIT DEM SONDENKOPF 5,8 MM

VIDEOSCOPIO DE DOBLE VIDEOCÁMARA Y SONDA DE 5,8 MM



- | | | | | |
|-----------------------------------------------------|----------------------------------------------------|-------------------------------------------------|-------------------------------------------------|------------------------------------------------|
| ✓ Schermo 3,5" TFT | ✓ 3,5" TFT display | ✓ Affichage 3,5" TFT | ✓ Displaz 3,5" TFT | ✓ Pantalla de 3,5" TFT |
| ✓ Selettore camera a 0° ed a 90° sulla sonda stessa | ✓ Camera selector at 0° and at 90° on the probe | ✓ Caméra sélecteur à 0° et à 90° sur la sonde | ✓ Kameraumschalter bei 0° und 90° auf der Sonde | ✓ Selector cámara de 0° y de 90° en la sonda |
| ✓ Risoluzione 640X480 pixel | ✓ Resolution 640X480 pixel | ✓ Résolution de 640X480 pixels | ✓ Auflösung 640X480 pixels | ✓ Resolución 640X480 pixel |
| ✓ Funzione : foto (jpeg), video, rotazione, zoom | ✓ Function: snapshot (jpeg), video, rotation, zoom | ✓ Fonction: image (jpeg), vidéo, rotation, zoom | ✓ Funktion : Foto (Jpeg), Video, Drehung, Zoom | ✓ Función : foto (jpeg), vídeo, rotación, zoom |
| ✓ Software multilingue | ✓ Multilingual software | ✓ Logiciel multilingue | ✓ Mehrsprachige Software | ✓ Software multilingüe |
| ✓ Batterie AC litio | ✓ Lithium AC batteries | ✓ Batteries AC au lithium | ✓ Baterías AC de litio | ✓ Lithium-Batterie AC |
| ✓ Cavo video incluso | ✓ Video cable included | ✓ Câble vidéo inclus | ✓ Vedeo-Kabel inbegriffen | ✓ Cable de vídeo incluido |
| ✓ Scheda SD 4 GB inclusa | ✓ 4 GB SD card included | ✓ Carte SD 4 GB inclus | ✓ SD-Speicherkarte, 4GB, inbegriffen | ✓ Tarjeta SD de 4 GB incluida |

ACCESSORI A RICHIESTA - ACCESSORIES ON REQUEST - ACCESORIOS BAJO PEDIDO - ACCESSOIRES SUR DEMANDE - ZUBEHÖR AUF ANFRAGE

NEW

Cod. 03.029.30
P.A.R. €



Sonda 1 mt Ø 5,5 MM
Per videoscopi serie 03.029.14

Probe 1 mt Ø 5.5 MM
For videoscopes 03.029.14

Sonde de 1 mt Ø 5,5 MM
Pour vidéoscopes 03.029.14

Sonde 1 mt Ø 5,5 MM
Für Videoskope 03.029.14

Sonda de 1 mt Ø 5,5 MM
Para videoscópios 03.029.14

Cod. 03.029.40
P.A.R. €



Sonda con doppia videocamera
Ø 5,8 MM
Per videoscopi serie 03.029.14

Double-camera probe Ø 5.8 MM
For videoscopes 03.029.14

Sonde double caméra Ø 5,8 MM
Pour vidéoscopes 03.029.14

Sonde mit Doppelkamera Ø 5,8 MM
Für Videoskope 03.029.14

Sonda de doble cámara Ø 5,8 MM
Para videoscópios 03.029.14

Cod. 03.029.37
P.A.R. €



Sonda articolata 1 mt Ø 5,5 MM
Per videoscopi serie 03.029.14

Bewegliche Sonde 1 mt Ø 5.5 MM
Für Videoskope 03.029.14

Articulating head probe 1 mt Ø 5.5 MM
For videoscopes 03.029.14

Sonde avec tête de la sonde articulée
de 1 mt Ø 5,5 MM
Pour vidéoscopes 03.029.14

Sonda con cabeza articulada
de 1 mt Ø 5,5 MM
Para videoscópios 03.029.14

Cod. 03.029.41
P.A.R. €



Sonda 20 mt Ø 28 MM
con lente e raccoglitore
Per ispezioni settore
idraulica e termotecnica
Per videoscopi serie 03.029.14

Probe 20 mt Ø 28 MM with magnifying glass
and cable collector
Suitable for plumbers and heater technical inspections
For videoscopes 03.029.14

Sonde 20 mt Ø 28 MM mit der Linse und Kabelsammler
Zum Einsatz im thermohydraulischen Bereich.
Für Videoskope Serie 03.029.14

Sonde de 20 mt Ø 28 MM avec loupe et bobine de
câble
Utilisable pour plombiers et inspection des chaudières
Pour vidéoscopes 03.029.14

Sonda de 20 mt Ø 28 MM con lupa y recogecables
Utilizable para inspecciones de plomeros y caldereros
Para videoscópios 03.029.14



Cod. 03.029.22
1.399,00 €

Videoscopio con testasonda articolata

Videoscope with articulated head probe

Vidéo scope avec tête de la sonde articulée

Videoskop mit beweglichem Sondenkopf

Videoscopio con sonda de cabeza articulada

Caratteristiche tecniche:

- ✓ Ø 5,5mm;
- ✓ L = 1000
- ✓ Video TFT 3,5"
- ✓ Risoluzione: 240x360dpi
- ✓ Sonda rotante 360° (fig. C)
- ✓ Testina rotante ± 180° (fig. B)

Technical features:

- ✓ Ø 5,5mm;
- ✓ L = 1000
- ✓ Video TFT 3,5"
- ✓ Resolution: 240x360dpi
- ✓ 360° rotating probe (picture C)
- ✓ Rotating probe ± 180° (picture B)

Caractéristiques techniques:

- ✓ Ø 5,5mm;
- ✓ L = 1000
- ✓ Vidéo TFT 3,5"
- ✓ Résolution: 240x360dpi
- ✓ Sonde pivotante 360° (fig. C)
- ✓ Tête pivotante ± 180° (fig. B)

Technische Daten:

- ✓ Ø 5,5mm;
- ✓ L = 1000
- ✓ Video TFT 3,5"
- ✓ Auflösung: 240x360dpi
- ✓ Sondendrehung 360° (Bild C)
- ✓ Sondenkopfdrehung ± 180° (Bild B)

Características técnicas:

- ✓ Ø 5,5mm;
- ✓ L = 1000
- ✓ Video TFT 3,5"
- ✓ Resolución: 240x360dpi
- ✓ Sonda giratoria de 360° (fig. C)
- ✓ Cabeza giratoria ± 180° (fig. B)

Dotazione standard:

videoscopio
caricabatteria
cavo TV
cavo USB
SD card (1GB)
3 specchi (70°, 90°, 110°)
1 magnete
valigetta per il trasporto

Standard outfits:

videoscope
battery charger
TV cable
USB cable
SD card (1GB)
3 mirrors (70°, 90°, 110°)
1 magnet
transport case

Equipment standard:

vidéo scope
chargeur batteries
câble TV
câble USB
carte SD (1GB)
3 miroirs (70°, 90°, 110°)
1 calamite
Coffret de transport

Standard Ausstattung:

Videoskop
Ladegerät
TV Kabel
USB Kabel
SD-Speicherkarte (1GB)
3 Spiegel (70°, 90°, 110°)
1 Magnet
Koffer

Equipo estándar:

videoscopio
recargabaterías
cable TV
cable USB
SD card (1GB)
3 espejos (70°, 90°, 110°)
1 magnete
maletín para el transporte

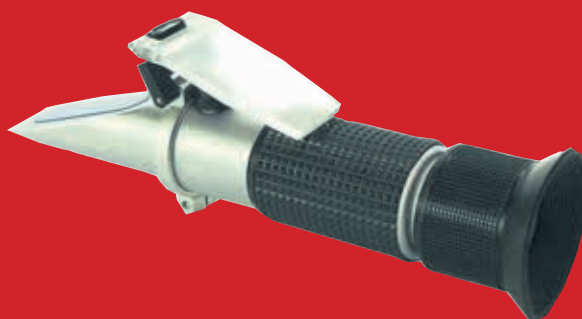
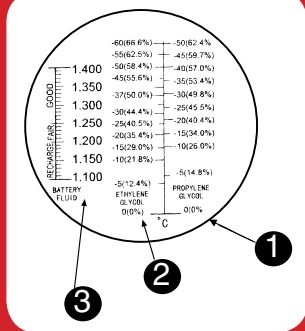


"TRINO"

Cod. 04.051.00

74.00€

**REFRATTOMETRO MULTIFUNZIONI
MULTIFUNCTION REFRACTOMETER
RÉFRACTOMÈTRE MULTIFONCTIONS
MULTIFUNKTIONALE REFRAKTOMETER
REFRACTÓMETRO MULTIFUNCIÓN**



Uno strumento professionale per il controllo di:

- densità dell'acido della batteria
- punto di congelamento del liquido refrigerante del motore
- punto di congelamento del liquido lavavetri.

A professional instrument to test:

- Density of acid batteries
- Freezing point of windshield liquid
- Freezing point of refrigerant liquid of motor

1

- Liquido Lavavetri
Freezing point of windscreen liquid
- Liquide nettoyage cristaux
Reinigungslösung für Scheibenwischanlage
Líquido lavaparbrisas

2

- Liquido Antigelo
Antifreezing liquid
- Liquide antigel
Frostschutzmittel
Líquido anticongelante

3

- Acido Batteria
Battery acid
- Acide des batteries
Batteriesäure
Ácido de las baterías

Un instrument professionnel pour le control de:

- Densité de l'acide des batteries
- Point de givrage du liquide dans le moteur
- Point de givrage du liquide nettoyage des cristaux

Ein Profi-Instrument zur Kontrolle von

- Säuredichte von Batterien
- Gefrierpunkt des Kühlmittels des Motors
- Gefrierpunkt der Reinigungslösung in der Scheibenwischanlage.

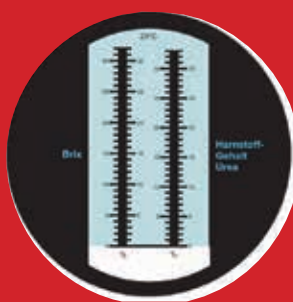
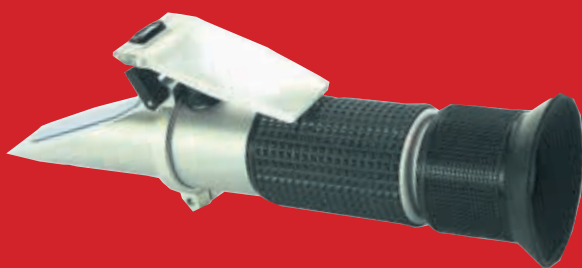
Un instrumento profesional para controlar:

- densidad del ácido de la batería
- punto de congelación del líquido refrigerante del motor
- punto de congelación del líquido lavaparbrisas

Cod. 04.051.01

74.00€

**REFRATTOMETRO PER UREA
REFRACTOMETER FOR UREA
REFRACTOMETRE POUR UREE
REFRAKTOMETER FÜR UREA
REFRACTÓMETRO PARA UREA**



Permette di rilevare la concentrazione dell'urea nei serbatoi di autocarri dotati di dispositivo antinquinamento (AD BLUE).
2 scale 0-32%
Brix graduation 0,2%,
0-33% urea 0,2%
Compensazione automatica della temperatura

It enables to assess the urea concentration in the tanks of the trucks equipped with an anti-pollution device (AD BLUE).
2 scales 0-32%
Brix graduation 0,2%,
0-33% urea 0,2%
Automatic compensation of the temperature

Il peut relever la concentration d'urée dans le réservoir des camions dotés de dispositif antipollution (AD BLUE).
2 échelles 0-32%
Brix graduation 0,2%,
0-33% urée 0,2%
Compensation automatique de la température

Ermöglicht die Ermittlung der Urea Konzentration in LKW Tanks mit Schadstoffschutzvorrichtung (AD BLUE).
2 scale 0-32%
Brix graduation 0,2%,
0-33% urea 0,2%
Automatischer temperaturbereich

Permite detectar la concentración de urea en los tanques de los camiones equipado con un dispositivo anticontaminación (AD BLUE).
2 escalas 0-32%
Brix graduation 0,2%,
0-33% urea 0,2%
Compensación automática de la temperatura

Cod. 04.051.02

391,00€

**REFRATTOMETRO DIGITALE PER AD BLUE (UREA)
DIGITAL REFRACTOMETER FOR AD BLUE (UREA)
REFRACTOMETRE DIGITAL POUR AD BLUE (UREA)
DIGITALES REFRAKTOMETER FÜR AD BLUE (UREA)
REFRACTOMETRO DIGITAL PARA AD BLUE (UREA)**

- misura gradi brix
- misura temperatura (°C/F)
- zero setting
- auto power off

- measure of brix graduation
- temperature measure (°C/F)
- zero setting
- auto power off

- mesure degrés brix
- mesure température (°C/F)
- zéro tage
- éteignement automatique



- Vermessung der Brix-Graduierung
- Temperaturvermessung (°C/F)
- Null-Einstellung
- autom. Stromabschaltung

- medición grados brix
- medición temperatura
- ajuste cero
- autoapagamiento



SIR 1000

Cod. 04.014.01

168.00€

**TERMOMETRO DIGITALE A RAGGI INFRAROSSI
CON DOPPIO PUNTATORE LASER**
(-50/+1000°C - 58°/+1832°F)

**DIGITAL INFRARED THERMOMETER
WITH DOUBLE LASER POINTER**
(-50/+1000°C - 58°/+1832°F)

**THERMOMÈTRE DIGITAL À RAYONS INFRAROUGE
AVEC DOUBLE POINTEUR LASER**
(-50/+1000°C - 58°/+1832°F)

**INFRAROTSRALENDIGITALTHERMOMETER
MIT DOPPEL-LASERSENSOR**
(-50/+1000°C - 58°/+1832°F)

**TERMÓMETRO DIGITAL DE RAYOS INFRARROJOS
CON DOBLE APUNTADOR LÁSER**
(-50/+1000°C - 58°/+1832°F)

APPLICAZIONI

Automotive:
collettori di scarico; marmite catalitiche; radiatori; motori marini.
Industriali:
forni; compressori; motori diesel; impianti industriali in genere; cabine di verniciatura; ecc.

CARATTERISTICHE TECNICHE

Misura della temperatura senza contatto
Spegnimento automatico
Grado di emissività: regolabile da 0,3 a 0,99
Rapporto distanza-dimensioni: 12:1
Doppio puntatore laser
Data hold

USE

Automotive:
discharge manifolds; catalytic silencers; radiators; marine motors.
Industrial:
furnaces; compressors; diesel engines; general industrial plants; spray booths; ecc.

TECHNICAL FEATURES

Non-contact temperature measurement
Operation Lock function
Emissivity adjustable from 0.3 to 0.99
Dimension-distance ratio: 12:1
Double pointer laser
Data hold

APPLICATION

Auto motive:
collecteur d'échappe-ment; marmites catalyque; radiateur; moteur marin.
Industriel:
four, compresseur, moteurs diesel; systèmes industriel en général; cabine de vernissage.

CARACTÉRISTIQUES TECHNIQUES

Rilevazione della temperatura sans contact
L'appareil s'éteint automatiquement
Grade d'émissivité: on le peut régler de 0.3 à 0.99
Dimension-distance ratio: 12:1
Double laser pointer
Data hold

ANWENDUNGSBEREICHE

Automobilbereich:
Auspuffsammler; Kataly-sator-Auspufftöpfe; Kühler; Bootsmotore
Industriebereich:
Öfen; Kompressoren; allgemeine; Diesel-motore; Industrieanlagen; Lackierkabien, usw.

TECHNISCHE EIGENSCHAFTEN

Temperaturmessung ohne Kontakt
Automatisches Aüsschalten
Strahlungsvermögen: regulierbar von 0,3 bis 0,99
Verhältnis Abstand-Abmessung: 12:1
Doppel-Laserpointer
Data hold

USOS

Automoción:
colectores de descarga; catalizadores; radiadores; motores marinos.
Industriales:
hornos, compresores; motores diesel; instalaciones industriales, cabinas de pintura; ecc.

CARACTERÍSTICAS TÉCNICAS

Medición de la temperatura sin contacto
Apagado automático
Grado de emisión: regulable de 0,3 a 0,99
Relación distancia-dimensiones: 12:1
Doble apuntador laser
Data hold



Cod. 04.013.05

58.00€

Termometro digitale a raggi infrarossi con puntatore laser -32°/+380°

Digital infrared thermometer with laser pointer -32°/+380°

Thermomètre digital infrarouge avec pointeur laser -32°/+380°

Infrarot-Digital-Thermometer Laser Point -32°/+380°

Termometro de rayos infrarrojos con puntador laser -32°/+380°

Art. PT201
Cod. 04.052.00

22.00€



TERMOMETRO A PENNA -50°/+150°C

- Penn thermometer -50°/+150°C
- Thermomètre à stylo -50°/+150°C
- Stiftthermometer -50°/+150°C
- Termómetro tipo bolígrafo -50°/+150°C

Cod. 04.020.00

110.00€



ANEMOMETRO PORTATILE
con sensore temperatura.
Idoneo per linee revisione.

PORTABLE ANEMOMETER
with temperature sensor.
Suitable for revision lines

ANÉMOMÈTRE PORTABLE
avec senseur température.
Idéal pour révisions

TRAGBARER ANEMOMETER
mit Temperatursensor.
Geeignet für Revisionslinien

ANÉMOMETRO MÓVIL
con sensor temperatura.
Apto para las líneas de revisión

Cod. 04.052.05

78.00€

Termometro digitale differenziale
(per refrigerazione e condizionamento)

Digital differential thermometer
(for refrigeration and air conditioning)

Thermomètre numérique différentiel
(pour réfrigération et conditionnement)

Digitales Differential-Thermometer
(zum Kühlen und Klimatisieren)

Termómetro digital diferencial
(para refrigeración y aire acondicionado)

Cod. 04.052.02

23,50€



Cod. 04.052.03

33,00€



Caratteristiche tecniche

1. Antiurto
2. Compatibile con sonda a termocoppia di tipo K
3. Range: -50°/+1350 °C
4. Completo di custodia, batteria, istruzioni e 2 sonde a filo

A richiesta sonda per:
aria 04.052.02
contatto 04.052.03

Technical features

1. Shock-resistant
2. Compatible with K-type thermocouple probe
3. Range: -50°/+1350 °C
4. With case, battery, instruction manual and 2 wire-type probes included

On request probe for:
air 04.052.02
contact 04.052.03

Caractéristiques techniques

1. Antichoc
2. Compatible avec sondes à thermocouple de type K
3. Plage : -50°/+1350 °C
4. Equipé de : étui, batterie, instructions et 2 sondes à fil

Sur demande sonde pour:
air 04.052.02
contact 04.052.03

Technische Eigenschaften

1. Stoßfest
2. Kompatibel mit Thermoelementen Typ K
3. Bereich -50°/+1350 °C
4. Komplett mit Etui, Batterie, Anleitungen und 2 Hitzdrahtsonden

Auf Anfrage Sonde für:
luft 04.052.02
kontakt 04.052.02

Características técnicas

1. Antichoque
2. Compatible con sonda termopar de tipo K
3. Intervalo: -50°/+1350 °C
4. Completo con estuche, batería, instrucciones y 2 sondas de hilo

Bajo pedido sonda para:
aire 04.052.02
contacto 04.052.03



Cod. 04.019.02
520,00€

**FONOMETRO DIGITALE CLASSE 1
con SD card e uscita USB**

**DIGITAL SOUND LEVEL METER
SD Card real time data logger**



CARATTERISTICHE TECNICHE:

Misuratore del livello sonoro di classe 1
Le normative rispettate dal prodotto: IEC61672, ISO-9001, CE, IEC1010
Diametro esterno microfono standard 0.5"
Costanti di tempo Slow e Fast
Funzionamento facile ed innovativo, per la configurazione del software non è necessario il computer, il fonometro è dotato di serie di una memory card SD per il registro dei dati (anno / mese / giorno / ora / minuti / secondi) che si introduce nel lettore del computer per la lettura in formato Excel, l'utente può effettuare le ulteriori analisi grafici.
Campo di misura: 30 - 130 dB
Risoluzione: 0.1 dB
Funzioni: dB (ponderazione A e C, costanti di tempo Fast e Slow, Hold Peak, Data Hold, Record (max, min)
Taratura VR: taratura VR esterna integrata, facile da calibrare a 94 dB con il cacciavite. Taratura tramite calibratore acustico esterno (a richiesta)
Peso: 489 g / 1,08 LB
Dimensioni: 245 x 68 x 45 mm
Accessori inclusi: manuale d'uso, valigetta rigida di trasporto, CA-06
Accessori opzionali:
Calibratore del livello sonoro (94 dB)
Cuffia antiventio
SD card (2 GB)
Cavo USB, USB-01
Software di acquisizione dati, SW-U801-WIN

TECHNICAL FEATURES

Frequency and time weighting Class 1
weighting networks comply with standards IEC61672, ISO-9001, CE, IEC1010
0.5" standard microphone head
Memory function to store the Max. & Min. value
Hold and Peak Hold functions
Innovation and easy operation, computer is not need to setup extra software, after execute data logger, just take away the SD card from the meter and plug in the SD card into the computer, it can download all the measured values with the time information (year/month/date/hour/minute/second) to the Excel directly, then user can make the further data or graphic analysis by themselves
Measurement range: 30 - 130 dB
Resolution: 0.1 dB
Function: dB (A & C frequency weighting Time weighting (Fast, Slow), Peak hold, Data hold, Record (Max., Min.)
Calibration VR: Build in external calibration VR, easy to calibrate on 94 dB level
by screw driver.
Calibrated via external SOUND CALIBRATOR (optional)
Weight: 489 g/1,08 LB
Dimension: 245 x 68 x 45 mm
Accessories Included: instruction manual, hard carrying case, CA-06
Optional accessories:
Sound wind shield ball
sound calibrator (94 dB)
SD Card (2GB)
USB cable, USB-01
Data acquisition software, SW-U801-WIN.



SL 4001
Cod. 04.018.00

340.00€

Fonometro classe 2 di precisione (IEC651)
Sound level meter class 2 (IEC651)
Phonometre class 2 de précision (IEC651)
Schallmesser Klasse 2 (IEC651)
Fonómetro clase 2 (IEC 651)

SL 4012
Cod. 04.018.05

390.00€

Fonometro classe 2 con RS232
Sound level meter class 2 with RS232
Phonometre class 2 avec RS232
Schallmesser Klasse 2 mit RS232
Fonómetro clase 2 con RS232

Cod. 04.018.06

75.00€

Cavetto UPCB-2
per fonometro SL 4012, incl. software

UPCB-2 cable for
the sound level meter SL 4012, incl. Software

Câble UPCB-2 pour
phonometre SL4012, software inclus

Kabel UPCB-2 für
den Schallpegelmesser SL4012, Software inbegriffen

Cable UPCB-2 para
fonómetro SL 4012 con software incluido

**CARATTERISTICHE
TECNICHE:**

- Grande display LCD, facilmente leggibile;
- Funzioni principali conformi alla norma IEC 651 classe 2 (04.018.00);
- Curve di pesatura A e C conformi agli standard internazionali;
- Modalità FAST e SLOW per le costanti di tempo;
- Uscite AC/DC per espansione del sistema;
- Taratura VR eseguibile dall'esterno;
- Funzione MAX HOLD per memorizzare il valore massimo;
- Contenitore in ABS antiurto
- Uscita seriale RS232 (solo 04.018.05)

**TECHNICAL
FEATURES:**

- Large LCD display, easy to read;
- Frequency weighting networks in conformity with the norm IEC 651 class 2 (04.018.00);
- A&C weighting networks in conformity with international standards;
- Time weighting (FAST and SLOW) dynamic characteristic models;
- AC/DC outputs for system expansion;
- VR Calibration, performable externally;
- MAX HOLD function for memorization of the maximum value;
- ABS-plastic protection case.
- Serial outlet RS232 (04.018.05 only)

**CARACTERISTIQUE
TECHNIQUES:**

- Grand afficheur LCD, lecture facilitée;
- Fonctions principales en conformité selon les normes IEC 651 class 2 (04.018.00);
- Courbes de pesage A et C en conformité aux standards internationaux;
- Modalité FAST et SLOW pour les constants du temps;
- Sortie AC/DC pour expansion du système;
- Calibrage VR effectué de l'extérieur;
- Fonction MAX HOLD pour mémoriser la valeur maximale;
- Coffret antichoc ABS.
- Sortie sérielle RS232 (seulement 04.018.05)

**TECHNISCHE
MERKMALE:**

- Großer LCD Bildschirm, leicht lesbar;
- Hauptfunktionen in normgemäßer Ausführung nach IEC 651 Klasse 2 (04.018.00);
- Wägekuren A und C nach internationalen Standards;
- FAST und SLOW Modalitäten für die Zeitkonstanten;
- AC/DC Ausgänge für Systemerweiterung;
- VR Eichung von außen durchführbar;
- MAX HOLD Funktion zum Speichern des Höchstwertes;
- Stoßfestes ABS Gehäuse
- Serialausgang RS232 (nur 04.018.05)

**DATOS
TÉCNICOS:**

- Pantalla LCD de un tamaño grande que se lee con facilidad;
- Funciones principales de conformidad con IEC 651 clase 2 (04.018.00);
- Líneas de peso A y C de conformidad con los estándares internacionales;
- Modalidad FAST y SLOW para las constantes de tiempo;
- Salidas AC/DC para la expansión del sistema;
- Calibración VR efectuable del externo;
- Función MAX HOLD para memorizar el valor máximo;
- Maletín de ABS antichoque
- Salida serial RS232 (sólo 04.018.05)

Cod. 05.088.07

P.A.R. €



CARRELLO 7 CASSETTI "TOP ROLL CAB"

Pacchetto attrezzi "Top" 174pz incluso

7-DRAWER TROLLEY "TOP ROLL CAB"

174pcs Top tools pack included

CHARIOT 7 TIROIRS "TOP ROLL CAB"

Boîte à outils Top de 174pcs comprises

WERKSTATTWAGEN MIT 7 SCHUBLADEN

Werkzeug-Paket "TOP" (174 stk.) inbegriffen

CARRITO DE 7 CAJONES "TOP ROLL CAB"

Juego de herramientas Top de 174 piezas inclusos

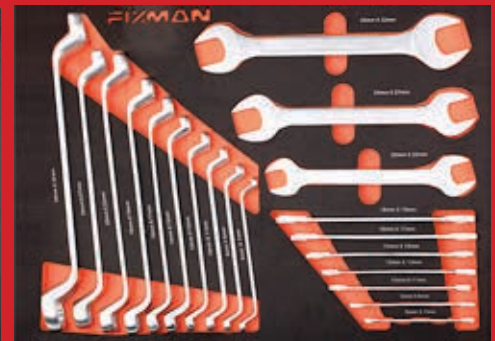


Pacchetto attrezzi "Top" 174pz con base in morbida spugna

174pcs Top tools pack with soft sponge support

Boîte à outils Top de 174pcs avec soutien d'éponge molle

Juego de herramientas Top de 174 piezas con base en esponja blanda



Carrello 7 cassetti
7-drawer trolley
Chariot 7 tiroirs
Werkstattwagen mit 7 Schubladen
Carro 7 cajones



VUOTO - EMPTY
VIDE - LEER - VACIO

Cod. 05.088.55
P.A.R. €

+ KIT BASIC

Cod. 05.088.56
P.A.R. €

+ KIT PROFI

Cod. 05.088.06
P.A.R. €

7	4 65mm	2 130mm	1 205mm	TOTAL
SINGLE 		ABS TOP		ANTI SHOC PROTECTION
Kg 76,2	mm 770 A mm 465 B mm 970 C	mm 790 A mm 490 B mm 1010 C		

Kit "PROFI" (163 pz)



Carrello 7 cassetti
7-drawers tool trolley
Chariot 7 tiroirs
Werkstattwagen mit 7 Schubladen
Carro 7 cajones



VUOTO - EMPTY
VIDE - LEER - VACIO

Cod. 05.088.44
P.A.R. €

+ KIT BASIC

Cod. 05.088.53
P.A.R. €



 7	 5 75mm	 2 153mm	ABS TOP
TOTAL 	 2	 1	 Kg 43
 mm 678 A mm 460 B mm 1030 C	 mm 678 A mm 520 B mm 860 C		

Kit "BASIC" (124 pz)



Carrello 6 cassetti
 6-drawers tool trolley
 Chariot 6 tiroirs
 Werkstattwagen mit 6 Schubladen
 Carro 6 cajones



VUOTO - EMPTY
 VIDE - LEER - VACIO

Cod. 05.088.54

P.A.R. €

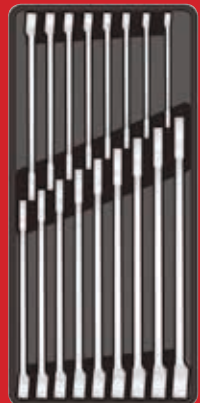
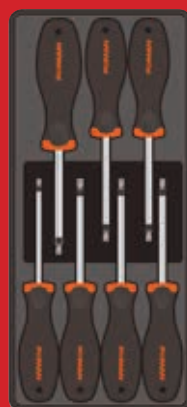
+ KIT BASIC

Cod. 05.088.59

P.A.R. €

 6	 5 74 mm	 1 153mm	TOTAL 
 2	 1	ABS TOP	 Kg 43
 mm 742 A mm 520 B mm 745,5 C		 mm 682 A mm 460 B mm 805 C	

Kit "BASIC" (124 pz)





Cod. 05.088.40
P.A.R. €

Carrello 5 cassetti (vuoto)
5-drawers tool trolley (empty)
Chariot 5 tiroirs (vide)
Werkstattwagen mit 5 Schubladen (leer)
Carro 5 cajones (vacío)

5	5 100mm	2	TOTAL 	1	RUBBER TOP
Kg 27,2	mm 680 A mm 385 B mm 730 C	mm 615 A mm 330 B mm 762 C			

Cod. 05.088.30

144,00 €

CASSETTIERA
PORTA UTENSILI PORTATILE

PORTABLE TOOL

CHIFFONNIER PORTE-OUTILS PORTABLE

WERKSTATTWAGEN

CÓMODA CAJONERA PORTAHERRAMIENTAS MÓVIL



6 cassetti, chiusura centralizzata e maniglie di trasporto	6 drawers, centralized lock and carrying handles	6 tiroirs, fermeture centra- lisée et poignés de transport.	6 Schubfächern, Zentralverriegelung und Fahrgriff	6 cajones, cierre centralizado y garras de trans- porte.
6	3 h 50,5mm 179x287x50,5	2 h 50,5mm 581,5x287x50,5	1 h 75,5mm 581,5x287x75,5	Kg 18,9
				mm 660 A mm 322 B mm 369 C
				mm 715 A mm 375 B mm 420 C 22,2Kg

Cod. 05.090.26

46,00 €



Kit 14 chiavi a pipa

14 double ended offset hexagon wrenches kit



FOTO INDICATIVA

Cod. 05.090.29

98,00 €

Kit 7 chiavi a T
snodate

7 T-bended
wrenches kit

(7 ÷ 19 mm)

KIT PROFI








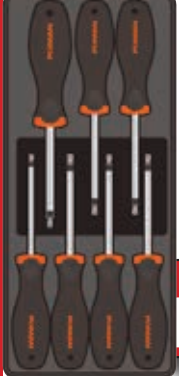







Cod. 05.088.47

482,00€

KIT BASIC

Cod. 05.088.48

294,00€

		Profi	Basic			Profi	Basic			Profi	Basic
	56-pc 1/4" Dr.Sockets & Accessories	●	●		6-pc Flare Wrenches 6 to 24mm	●	—		5-pc 8" Files	●	—
	Set bussole a cricchetto 1/4" 56pz				Set chiavi per tubi freno 6-24mm, 6 pz				Set 5 lime 8"		
<p>Cod. 05.090.30 45,00€</p>				<p>Cod. 05.090.35 25,00€</p>				<p>Cod. 05.090.40 20,00€</p>			
	19-pc 1/2" Dr.Sockets & Accessories	●	●		Set Hexagonal keys short/long Set Torx keys short/long)	●	●		3-pc Pliers	●	●
	Set bussole a cricchetto 1/2" 19pz				set di chiavi esagonali corte e lunghe Set di chiavi torx corte e lunghe				Set 3 pinze tronchesi		
<p>Cod. 05.090.31 52,00€</p>				<p>Cod. 05.090.36 25,00€</p>				<p>Cod. 05.090.41 31,00€</p>			
	16-pc 1/2" Dr. Deep Sockets	●	—		7-pc Torx Screwdrivers	●	●		2-pc 10" Pliers	●	●
	Set bussole a lunghe 1/2" 16pz				Set 7 cacciaviti, tipo Torx				2 pinze coccodrillo fermalamiera		
<p>Cod. 05.090.32 41,00€</p>				<p>Cod. 05.090.37 16,00€</p>				<p>Cod. 05.090.42 25,00€</p>			
	17-pc Combination Spanner 6-22mm	●	●		8-pc Slotted and Philips Screwdrivers	●	●		4-pc 6" Cirdclip Pliers	●	—
	Chiavi combinate da 6-22mm,				Set 8 cacciaviti taglio a croce, 8 pz				Set 4 pinze per seeger		
<p>Cod. 05.090.33 48,00€</p>				<p>Cod. 05.090.38 16,00€</p>				<p>Cod. 05.090.43 23,00€</p>			
	8-pc Spanner 6-22mm	●	●		7-pc Slotted and Philips Impact Screwdrivers	●	—		2-pc Mechanical Hammer & Mallet	●	—
	Chiavi poligonali a doppia curva da 8/22 mm, 8 pz				Set 7 cacciaviti taglio/croce ad impatto, 7 pz				Martello e mazzuolo		
<p>Cod. 05.090.34 36,00€</p>				<p>Cod. 05.090.39 44,00€</p>				<p>Cod. 05.090.44 35,00€</p>			

**CRICCHI A CARRELLO
SERIE PROFESSIONAL**

**LOW PROFILE SERVICE
JACK PROFESSIONAL SERIES**

Cod. 05.087.06

P.A.R. €



NEW

**CARRELLO SPOSTAMENTO VETTURE INCIDENTATE
HYDRAULIC VEHICLE POSITIONING JACK**

Capacità: 600 kg
Max/Min apertura: 650+300mm
Peso: 19 kg

Capacity: 600 kg
Max/min width: 600 kg
Weight: 19 kg

Cod. 05.084.01

P.A.R. €

NEW

Portata/capacity: 2,5 tons
Min. altezza/height: 85 mm
Max. altezza/height: 455 mm
Ruote in nylon/piattello in gomma
nylon wheels/ rubber pad
Dimensioni/dimensions: 640x342x174mm
Peso/weight: 34,8 kg



Ruote in Nylon
Nylon wheels

Cod. 05.084.03

P.A.R. €

NEW

Portata/capacity: 2 tons
Min. altezza/height: 76 mm
Max. altezza/height: 510 mm
Dimensioni/dimensions: 1006x365x136mm
Peso/weight: 42 kg



Ruote in Nylon
Nylon wheels

Pratico vassoio porta attrezzi
Practical tray for carry

Ruote gemellate di serie in Nylon
double front wheel (standard)-Nylon
Tampone in gomma
Rubber pad for the saddle



Cod. 05.084.02

P.A.R. €

NEW



Ruote in Nylon
Nylon wheels

Portata/capacity: 3 tons
Min. altezza/height: 95 mm
Max. altezza/height: 455 mm
Doppio piston/double piston
Ruote in nylon/piattello in gomma
(nylon wheels/ rubber pad)



Dimensioni/dimensions:
780x366x160mm

Peso/weight: 46 kg

Cod. 05.085.01
39,00€

COPPIA DI CAVALLETTI DA 3T
COUPLE OF 3T JACK STANDS
COUPLE DE PYLONES DE 3T
PAAR VON 3 T STÜTZBÖCKEN
GATOS DE 3T

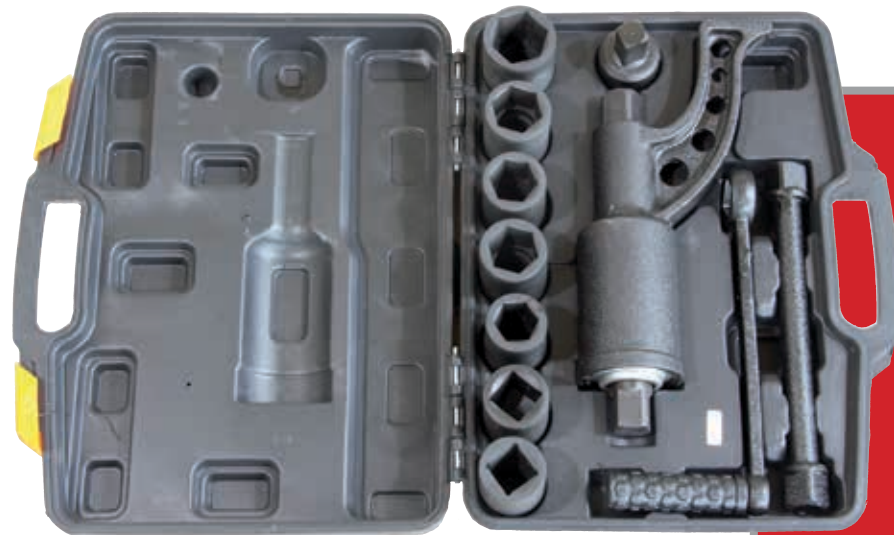


Altezza max/min: 428/298mm	Max/min height: 428/298mm	Hauteur max/ min: 428/298mm	Max./min. Höhe: 428/298mm	Altura max/min: 428/298mm
Peso: 7,5 kg	Weight: 7,5 kg	Poids: 7,5 kg	Gewicht: 7,5 kg	Peso: 7,5 kg
Scatola imballo: 1	Packaging box:1	Boite emballage: 1	Packungskar- ton: 1	Caja embalaje: 1

Cod. 05.085.00
49,00€

COPPIA DI CAVALLETTI DA 6T
COUPLE OF 6T JACK STANDS
COUPLE DE PYLONES DE 6T
PAAR VON 6T STÜTZBÖCKEN
GATOS DE 6T

Altezza max/min: 610/400mm	Max/min height: 610/400mm	Hauteur max/min: 610/400mm	Max./min. Höhe: 610/400mm	Altura max/min: 610/400mm
Peso: 14,6 kg	Weight: 14,6 kg	Poids : 14,6 kg	Gewicht: 14,6 kg	Peso: 14,6 kg
Scatola imballo: 1	Packaging box: 1	Boite emballage: 1	Packungskarton: 1	Caja embalaje: 1



Cod. 05.090.10
132,00€

Moltiplicatore di coppia
per smontaggio bulloni di camion e furgoni

Multiplier-couple for
the disassembly of the truck and van bolts

Multiplicateur de couple pour
démontage boulons de camions et fourgons

Multiplikator-Paar zur
Demontage der LKW- und Lieferwagen-Bolzen

Multiplicador de par para
desmontaje bulones de camiones y furgonetas



Cod. 05.090.13
94,00€



- ❑ Coppia massima: 3800 Nm
- ❑ Rapporto riduzione: 1:56
- ❑ Includo 7 bussole chrome vanadium da 24 a 38 mm (05.090.10)

- ❑ Maximum torque 3200 Nm
- ❑ Gear ratio: 1:56
- ❑ Including 7 sockets chrome vanadium from 24 to 38 mm (05.090.10)

- ❑ Maximales de couple: 3200 Nm
- ❑ Rapport de transmission: 1:56
- ❑ Compris 7 coupelles chrome vanadium de 24 a 38 mm (05.090.10)

- ❑ Max. Drehmoment: 3800 Nm
- ❑ Übersetzungsverhältnis: 1:56
- ❑ 7 Buchsen aus Chrom-Vanadium-Stahl von 24 bis 38 mm (05.090.10)

- ❑ Par máximo: 3200 Nm
- ❑ Relación de transmisión: 1:56
- ❑ 7 casquillos chrome vanadium desde 24 hasta 38 mm (05.090.10)

**ATTREZZATURE PER OFFICINE RIPARAZIONE MOTO
EQUIPMENT FOR MOTORBIKES REPAIRING WORKSHOPS**



Cod. 05.083.02

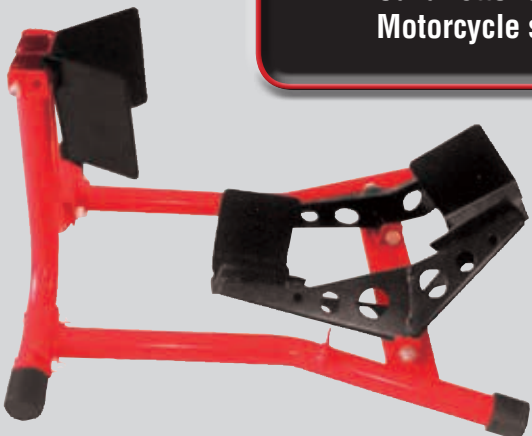
30,00€

**SGABELLO PORTAUTENSILI PER OFFICINA
TOOLS-HOLDER STOOL FOR WORKSHOPS**

Peso: 3,8kgs	Weight: 3,8kgs
Dimensioni: 360x365x365mm	Dimensions: 360x365x365mm

Cod. 05.085.07
69,00€

**Cavalletto ferma moto
Motorcycle stand**



Portata / Capacity: 200kgs
Dimensioni imballo: Packaging dimensions: 640x540x160mm
Peso / Weight: 11,5kgs

Cod. 05.087.14
105,00€

**RAMPA DI CARICO PIEGHEVOLE IN ALLUMINIO
FOLDING ALUMINIUM LADDER**



Lunghezza totale: 199cm	Total length: 199cm
Rampa chiusa: 72cm	Folded ladder: 72cm
Portata: 270kgs	Load range: 270kgs
Larghezza: 30cm	Width: 30cm
Peso: 7kgs	Weight: 7kgs

Cod. 05.085.05
190,00€

**SOLLEVATORE IDRAULICO A PEDALE PER SCOOTER E MOTO DA CROSS
FOOT HYDRAULIC WEIGHT LIFTER FOR SCOOTERS AND ENDUROS**

Caratteristiche tecniche	Technical features
Capacità: 135kgs	Load range: 135kgs
Altezza minima: 340mm	Minimum height: 340mm
Altezza massima: 890mm	Maximum height: 890mm
Peso: 28,5kgs	Weight: 28,5kgs



Cod. 05.088.19
220,00€



Cod. 05.088.20
168,00€



Cod. 05.088.02
80,00€



Cod. 05.088.21
98,00€



Descrizione Description	Codice Code	Materiale Material	Portata Capacity	Dimensioni Dimensions	Peso Weight	Ruote Wheels
Carrello 3 piani pesante Heavy trolley with 3 shelves	05.088.20	Alluminio/ABS Aluminum/ABS	250 kg	750x460x980mm	10,9kg	Ø150mm + 2 freni/ brakes
Carrello 3 piani leggero Light trolley with 3 shelves	05.088.21	Alluminio/ABS Aluminum/ABS	100 kg	575x460x900mm	6,8kg	Ø80mm + 2 freni/ brakes
Carrello 2 piani +2 cassetti Trolley with 2 shelves +2 drawers	05.088.19	Alluminio/ABS Aluminum/ABS	200 kg	850x480x950mm	18,5kg	Ø100mm + 2 freni/ brakes
Carrello 3 piani pesante Heavy trolley with 3 shelves	05.088.02	Acciaio Steel	100 kg	765x365x815mm	20kg	Ø100mm + 2 freni/ brakes

CARRELLI DI TRASPORTO
TRANSPORT TROLLEY

Cod. 05.088.03

39,00€



Cod. 05.088.58

199,00€



Cod. 05.088.17

166,00€



Cod. 05.088.25

49,00€



Cod. 05.088.18

220,00€



Descrizione Description	Codice Code	Materiale Material	Portata Capacity	Dimensioni Dimensions	Peso Weight	Ruote Wheels
Carrello multiuso 70 kg Multi-purpose trolley 70 kg	05.088.03	Acciaio Steel	70 kg	725x430x60mm	11kg	Ø150mm
Carrello multiuso 180 kg Multi-purpose trolley 180 kg	05.088.17	Alluminio Aluminum	180 kg	605x615x1270mm	11,5kg	Ø200mm
Carrello multiuso trasformabile Multi-purpose transformable trolley	05.088.18	Alluminio Aluminum	350 kg	1120x530x1045mm	17,5kg	Ø250mm
Piattaforma mobile Movable platform	05.088.25	Acciaio Steel	100 kg	730x475x835mm	8,1kg	Ø100mm
Carrello trasporto pneumatici Tyres' transport trolley	05.088.58	Acciaio Steel	150 kg	930x220x570mm (packing)	21kg	2x Ø 260mm 2x Ø 125mm

Cod. 05.087.03
110,00€



Coppia rampe in alluminio
151x24x5cm
Peso: 7kg (9,5 kg con imballo)
Portata: 400 kg

Pair of aluminum ramps
151x24x5cm
Weight: 7kg (9,5 kg with packaging)
Capacity: 400 kg

Cod. 05.087.04
118,00€



Rampa richiudibile e trasportabile
123x38x8cm
Peso: 9,5kg (11,5 kg con imballo)
Portata: 270 kg

Closable and portable ramp
123x38x8cm
Weight: 9,5kg (11,5 kg with packaging)
Capacity: 270 kg

Cod. 05.083.00
46,00€

- cuscino poggiatesta regolabile per il massimo comfort di lavoro
 - supporto in acciaio da 1" per applicazioni pesanti
 - cuscino supporto schiena da 1"; supporto testa da 2"
 - 6 ruote piroettanti in gomma antiolio
- Misure: 1020x430x180mm



- adjustable pneumatic headrest for maximum head and shoulder comfort
 - features 1" steel tube frame for extra strength in heavy duty applications
 - 1" thick padding on bed; 2" thick padding on headrest
 - 6 pivoting wheels (anti-oil corrosion)
- Size: 1020x430x180mm
- Mit verstellbarem Kopfpolster für hohen Arbeitskomfort
 - 1" Stahlstützrahmen für schwierige Eingriffe
 - 1" Rückenpolster; 2" Kopfpolster
 - 6 Rollen aus Anti-oil Gummi
- Abmessungen: 1020x430x180mm
- Almohada reposacabeza regulable para un elevado confort
 - soporte en acero de 1" para trabajos fuertes
 - respaldo acolchado de 1", reposacabeza de 2"
 - 6 ruedas giratorias de goma anti-aceite
- Dimensiones: 1020x430x180mm

SDRAIOTTO SOTTO MACCHINA
HEAVY DUTY CREEPERS
COUCHETTE DE TRAVAIL
KFZ MECHANIKER ROLLBRETT
CAMILLA DE MECÁNICO

Cod. 05.083.01
52,00€



Plastica di alta densità
High-density polyethylene

Molto resistente
High resistance

Colore rosso
Red

Capienza 150 kg
Max. weight load 150 kg

Ruote rinforzate di gomma
Reinforced rubber wheels

Misure (cm): 102x12xh48cm
Size (cm): 102x12xh48

Cod. 05.087.13
110,00€



Pedana in alluminio per carrozzerie, officine meccaniche, artigiani, edilizia, manutentori

Aluminium platform for body parts workshops, mechanic workshops, artisans, maintenance technicians

Portata: 200kgs
Dimensioni:
1016x410x585mm
Peso: 28,16kgs

Load range: 200kgs
Dimensions:
1016x410x585mm
Weight: 28,16kgs



COD.	€	PAG.
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01.000.22	99,00	56
01.000.25	210,00	35
01.000.201	750,00	35
01.000.202	410,00	35
01.090.07	40,00	35
01.090.108	340,00	35
02.000.55	420,00	36
02.009.13	420,00	28
02.009.15	240,00	28
02.009.16	690,00	28
02.009.17	838,00	28
02.016.04	132,00	39
02.017.00	P.A.R.	36
02.017.01	P.A.R.	36
02.018.00	P.A.R.	37
02.020.05	275,00	40
02.020.54	P.A.R.	40
03.000.35	12,00	7
03.000.36	12,00	7
03.000.38	420,00	7
03.000.40	544,00	7
03.000.41	990,00	8
03.000.42	76,00	31
03.000.45	78,00	5
03.001.06	P.A.R.	6
03.015.03	230,00	14
03.015.04	460,00	15
03.016.01	440,00	16
03.022.01	42,00	18
03.024.03	100,00	18
03.024.04	298,00	19
03.024.07	116,00	19
03.024.09	54,00	18
03.024.10	595,00	20
03.024.11	82,00	20
03.024.12	86,00	18
03.029.14	720,00	66
03.029.22	1.399,00	69
03.029.30	P.A.R.	68
03.029.33	780,00	66
03.029.37	P.A.R.	68
03.029.39	P.A.R.	68

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03.029.40	P.A.R.	68
03.029.41	P.A.R.	68
03.031.01	298,00	3
03.031.02	198,00	4
03.031.12	95,00	4
03.031.14	130,00	3
03.031.28	530,00	2
03.031.29	220,00	2
03.036.03	790,00	9
03.036.09	P.A.R.	9
03.050.00	48,00	31
03.050.02	240,00	31
04.003.04	376,00	25
04.003.05	320,00	19
04.003.08	158,00	24
04.003.09	60,00	24
04.003.11	460,00	26
04.005.02	196,00	22
04.006.02	329,00	22
04.009.00	133,00	22
04.012.02	P.A.R.	30
04.013.05	58,00	71
04.014.01	168,00	71
04.018.00	340,00	74
04.018.05	390,00	74
04.018.06	75,00	74
04.019.02	520,00	73
04.020.00	110,00	72
04.022.00	79,00	22
04.023.00	400,00	42
04.023.02	600,00	42
04.023.10	P.A.R.	38
04.024.01	99,00	41
04.024.02	196,00	41
04.029.01	98,00	42
04.031.00	436,00	34
04.033.00	840,00	34
04.034.00	360,00	34
04.036.01	648,00	29
04.036.02	259,00	29
04.042.00	27,00	57
04.042.01	27,00	57

COD.	€	PAG.
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04.043.00	99,00	42
04.051.00	74,00	70
04.051.01	74,00	70
04.051.02	391,00	70
04.052.03	33,00	72
04.052.00	22,00	72
04.052.02	23,50	72
04.052.05	78,00	72
04.053.00	94,00	52
04.053.05	381,00	52
04.053.06	94,00	52
04.053.07	38,00	52
05.008.01	13,00	57
05.013.03	24,00	57
05.019.03	284,00	43
05.036.00	48,00	9
05.036.01	P.A.R.	10
05.036.03	P.A.R.	10
05.043.02	196,00	5
05.049.00	150,00	37
05.056.00	48,00	51
05.056.01	56,00	51
05.056.03	26,00	51
05.056.07	88,00	51
05.056.08	11,00	39
05.058.01	110,00	11
05.058.07	34,00	11
05.060.00	48,00	32
05.060.01	18,00	32
05.060.02	28,00	32
05.060.03	44,00	32
05.060.04	148,00	32
05.062.00	110,00	33
05.064.00	130,00	58
05.066.00	142,00	53
05.066.01	280,00	53
05.066.02	55,00	54
05.066.03	21,60	54
05.066.04	6,86	54
05.066.05	14,00	53
05.073.07	48,00	61/65
05.073.08	78,00	61/63

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05.073.09	20,00	61/64
05.073.10	120,00	61/65
05.073.13	39,00	61/64
05.073.18	78,00	61
05.073.19	38,00	61/62
05.073.20	69,00	61/62
05.074.04	270,00	54
05.075.03	80,00	12
05.075.04	P.A.R.	12
05.075.05	144,00	13
05.075.06	44,00	13
05.075.07	48,00	13
05.075.08	32,00	12
05.075.09	66,00	12
05.078.02	16,50	17
05.078.03	7,80	17
05.078.04	75,00	17
05.078.05	11,50	47
05.081.03	100,00	25
05.083.00	46,00	86
05.083.01	52,00	86
05.083.02	30,00	57/83
05.084.01	P.A.R.	81
05.084.02	P.A.R.	81
05.084.03	P.A.R.	81
05.084.04	128,00	57
05.085.00	49,00	82
05.085.01	39,00	82
05.085.05	190,00	83
05.085.07	69,00	83
05.086.00	198,00	60
05.086.04	98,00	60
05.086.05	128,00	60
05.087.02	180,00	58
05.087.03	110,00	86
05.087.04	118,00	86
05.087.06	P.A.R.	81
05.087.10	49,00	58
05.087.12	220,00	59
05.087.13	110,00	86
05.087.14	105,00	83
05.088.02	80,00	84

COD.	€	PAG.
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05.088.03	39,00	85
05.088.06	P.A.R.	76
05.088.07	P.A.R.	75
05.088.17	166,00	85
05.088.18	220,00	85
05.088.19	220,00	84
05.088.20	168,00	84
05.088.21	98,00	84
05.088.24	340,00	59
05.088.25	49,00	85
05.088.30	144,00	79
05.088.40	P.A.R.	79
05.088.44	P.A.R.	77
05.088.47	482,00	80
05.088.48	294,00	80
05.088.53	P.A.R.	77
05.088.54	P.A.R.	78
05.088.55	P.A.R.	76
05.088.56	P.A.R.	76
05.088.58	199,00	85
05.088.59	P.A.R.	78
05.089.00	72,00	46
05.090.00	70,00	46
05.090.01	78,00	46
05.090.02	79,00	46
05.090.05	99,00	46
05.090.07	51,00	39
05.090.08	115,00	40
05.090.09	69,00	40
05.090.10	132,00	82
05.090.11	90,00	11
05.090.12	150,00	11
05.090.13	94,00	82
05.090.14	30,00	47
05.090.15	62,00	45
05.090.16	120,00	45
05.090.17	39,80	44
05.090.20	156,00	44
05.090.21	26,00	50
05.090.22	22,00	56
05.090.23	49,00	56
05.090.24	34,00	50

COD.	€	PAG.
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05.090.25	48,00	55
05.090.26	46,00	50/79
05.090.29	98,00	50/79
05.090.30	45,00	80
05.090.31	52,00	80
05.090.32	41,00	80
05.090.33	48,00	80
05.090.34	36,00	80
05.090.35	25,00	80
05.090.36	25,00	80
05.090.37	16,00	80
05.090.38	16,00	80
05.090.39	44,00	80
05.090.40	20,00	80
05.090.41	31,00	80
05.090.42	25,00	80
05.090.43	23,00	80
05.090.44	35,00	80
05.090.45	30,00	47
05.090.46	28,00	47
05.090.47	101,00	38
05.090.48	39,00	44
05.091.00	140,00	56
05.091.01	320,00	56
05.091.02	98,00	55
05.091.10	14,00	56
05.092.00	25,00	55
05.096.02	110,00	17
05.096.03	10,00	31
05.097.00	89,00	33
05.098.01	38,00	50
05.100.00	9,00	29
05.100.01	9,00	29
05.102.02	29,60	32
05.102.03	170,00	48
05.102.04	138,00	49
WZRIC0287	22,00	33



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