

SOCIO COLLECTION

Truck, Motorbike, Car, Bus and Commercial Vehicle Diagnosis



SOCIO

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TECNOMOTOR®

SOCIO 6x0

Tablet with Self-Diagnosis and Integrated Oscilloscope

Key Features

- Vehicle selection and identification of diagnostic socket and required cable
- ECU diagnosis with parameters, statuses, error code reading/deletion, enabling, coding, technical data sheet, service reports, saving of test session
- Road test with trend charts
- Pokayoke features and data
- Oscilloscope with 4 track charts and integrated signal analysis
- Digital multimeter for slow signal analysis
- Display/acquisition of images from external endoscope
- LPG/Natural Gas/Freon leak detection
- Bluetooth connection to PC for remote data upload and PASS-THROUGH operation
- SOCIO PREMIUM PC software enables module management from PC.
- Diagnosis/Scope/Specifications integration for troubleshooting based on error codes or failures, with automatic oscilloscope setup.
- Vertical or horizontal software display

Supplied standard

- Tool
- EOBD cable for connection to vehicle
- 1GB SD card or higher
- SD card reader for unit updating
- 5 cables for the acquisition of electric signals from oscilloscope
- Installation Manual
- CD-ROM with manual and update software
- Password for user licence
- Free 12-month update subscription
- Adapter
- Bluetooth module for PC



Accessories



Part No. 6011000025 Battery charging/holder base



Part No. 6011000030 Endoscope



Part No. 6011000035 LPG/Natural Gas leak detector sensor



Part No. 6011000040 Freon leak detector sensor

Cutting-edge Technology. Pure and simple.



Technical Specifications

Protection class: IP54 minimum
Rubber overmoulded shockproof case
Power supply: 8 to 60 V
Intel/Marvell II PXA 270: 512 MHz Internal Clock - 256 MHz Bus or higher
800x600 TFT Display: size 8", 262144 colours, high brightness and visibility
Touch Screen
RAM: 64MB - 16MB Strataflash
Removable SD CARD: 1 GB or higher
2 Internal Lithium Battery Packs rechargeable from diagnostic socket.
Over 6 hours of operation disconnected from diagnostic socket
Integrated Bluetooth device for wireless communication with external devices, class 1 - 300 m
Report printout: via USB mass storage key
Available expansions: 3 USB ports, endoscope, Natural Gas/LPG leak detector.
ECU communication: Microcontroller for real time communication with control units:
Fujitsu MB96F543, Altera EPM77128SQ coprocessor
RAM 128 KB for real time hardware communication with vehicle control units
Full Electronic Multiplexer: does not require external electronics for pin switching. Fully automated.
Supported protocols: Pulse code, KL-ISO9141, K-ISO14230, J1850VPW, J18050PWM, CAN low/high speed, RS485, **add pass-through protocols** J2534-3 compliant
Operating temperature: -20 - 70 °C
SCOPE/MULTIMETER (picture of sensors)
ARM NXP LPC 2378 Oscilloscope Microcontroller
4-channel ADC scope. 15 MS/s sampling rate.
8-bit vertical resolution
Multimeter. 10-bit vertical resolution
Galvanic separation for multimeter/oscilloscope



SOCIO 5x0 Premium

Handheld Self-Diagnosis Module



Two-in-one tool. Handheld & PC.

Key Features

- Vehicle selection and identification of diagnostic socket and required cable
- ECU diagnosis with parameters, statuses, error code reading/deletion, enabling, coding, technical data sheet, service reports, saving of test session
- Road test with trend charts
- Pokayoke features and data
- Bluetooth connection to PC for remote data upload and PASS-TROUGH (SAE J2534) operation
- SOCIO PREMIUM PC software enables module management from PC.

Supplied standard

- Tool
- EOBD cable for connection to vehicle
- 1GB SD card or higher
- SD card reader for unit updating
- Installation Manual
- CD-ROM with manual and update software
- Password for user licence
- Free 12-month update subscription
- Adapter
- Bluetooth module for PC



Accessories



Part No. 6011000001 Cover

Technical Specifications

Power supply: 8 to 60 V

Intel/Marvell II PXA 270: 406 MHz Internal Clock - 208 MHz Bus or higher

320x240 TFT Display: size 3.5", 262144 colours, high brightness and visibility

16-key keyboard

RAM: 32MB - 16MB Strataflash

Removable SD CARD: 1 GB or higher

Internal Lithium Battery rechargeable from diagnostic socket. Over 4 hours of operation disconnected from diagnostic socket

Integrated Bluetooth device for wireless communication with external devices, class 1 - 300 m

Report printout: via USB mass storage key

Microcontroller for real time communication with vehicle control units: Fujitsu MB96F543 - Coprocessor Altera EPM77128SQ

RAM 128 kB for hardware real time communication with the vehicle control units

Full Electronic Multiplexer: Does not require external electronics for pin switching. Fully automated.

Supported protocols: Pulse code, KL-ISO9141, K-ISO14230, J1850VPW, J18050PWM, CAN low/high speed, RS485, J2534-2 compatible

Operating temperature: -20 - 70 °C



SOCIO 3x0 Premium

Self-Diagnosis Module for PC



Exhaustive diagnostics
on your PC.

Key Features

- Vehicle selection and identification of diagnostic socket and required cable
- ECU diagnosis with parameters, statuses, error code reading/deletion, enabling, coding, technical data sheet, service reports, saving of test session
- Road test with trend charts
- Pokayoke features and data
- Bluetooth connection to PC for remote data upload and PASS-TROUGH (SAE J2534) operation
- PC SOCIO PREMIUM Software.

Supplied standard



- Tool
- EOBd cable for connection to vehicle
- Installation Manual
- CD-ROM with manual and update software
- Password for user licence
- Free 12-month update subscription

Note* Also available with cable operation.

Accessories

Part No. 6011000005 Adapter



Part No. 6014000070 Bluetooth module for PC



Part No. 6011600110 Wireless display unit



Technical Specifications

Microcontroller for real time communication with vehicle control units: Fujitsu MB96F543
Coprocessor Altera EPM77128SQ
128KB RAM for real time hardware communication with vehicle control units Full Electronic Multiplexer: Does not require external electronics for pin switching. Fully automated.
Supported protocols: Pulse code, KL-ISO9141, K-ISO14230, J1850VPW, J18050PWM, CAN low/high speed, RS485.
J2534-2 compatible
Operating temperature: -20 – 70 °C
PC connection via USB port or class-1 internal Bluetooth device with 300 m range in free space.
Shockproof case



CARS AND COMMERCIAL VEHICLES - Versions 310 (PC) - 510 (Palm) - 610 (Tablet)

12 months
updates
included

Diagnostic Features

Fault Code Reading/Deletion, Parameter/Status Reading, ECU Information Reading, Component Enabling, Fuel Injector Coding, Auto-adaptive Parameter Reset, Idle Adjustment, Throttle Adjustment, DPF Replacement, Service Reset, YAW Sensor Calibration, Gearbox Auto-adaptive Parameter Reset, Long Life, Air Bag Coding, ECU Replacement, Key and Remote Control Coding, Xenon Headlights Setting, Suspension Setting, Dashboard Language Setting, A/C Flap Teach-in, etc.

Covered Systems

ABS/Traction Control/ESP, Air Bags, Park Assist, Antitheft System, Car radio, Service Reset
Body Computer, Central Locking System, Climate Control, Immobilizer Card Coding, Key Coding, Remote Control Coding, Comfort/Antitheft System, Cabin Control, Diesel Oil Additive Control, Steering Angle Control
Setup/Suspension Control, Headlights Control, Doors Control
Seat Control, Traction Control, Cockpit/Immobilizer, Tyre Monitoring Diagnostics, 4WD Electronics
Gearbox Electronics, Front Central Electronics, Rear Central Electronics, Clutch Electronics, Gearshift Lever Electronics, Engine Electronics, Directional Wheels Electronics, Suspension Electronics
Drive Train Electronics, Parking Brake, Immobilizer, Right Headlight Modulation
Left Headlight Modulation, SOS Module, Navigator, Pre-Fuel Pump
Dashboard, Headlight Beam Width Adjmt., Distance Adjustment, Level Adjustment
Seats/Mirrors Adjustment, CAN Network, Battery Charging, Power Steering/Electric Steering, Sound System
Rear Spoiler, On-Board Instrumentation, TPMS, Roof Control Unit

European-Brand Vehicle Cable Kit Case

Part No. 6011000300 Includes following cables:

Part No. 6011001604
Part No. 6011001605
Part No. 6011001606
Part No. 6011001610
Part No. 6011001612
Part No. 6011001620
Part No. 6011001642
Part No. 6011001643
Part No. 6011001648
Part No. 6011001650
Part No. 6011001651



Asian-Brand Vehicle Cable Kit Case

Part No. 6011000305 Includes following cables:

Part No. 6011001649
Part No. 6011001650
Part No. 6011001652
Part No. 6011001653
Part No. 6011001655
Part No. 6011001656
Part No. 6011001658
Part No. 6011001659
Part No. 6011001661
Part No. 6011001663
Part No. 6011001600



Covered Brands:

ALFA, ALPINA-BMW, ASTON MARTIN, AUDI, AUTOBIANCHI, BENTLEY, BMW, CADILLAC, CHEVROLET, CHRYSLER, CITROEN, CORVETTE, DR, DACIA, DAEWOO, DAIHATSU, DAIMLER, DODGE, FERRARI, FIAT, FORD, GM, HONDA, HUMMER, HYUNDAI, INNOCENTI, IVECO, JAGUAR, JEEP, KIA, LADA, LAMBORGHINI, LANCIA, LAND ROVER, LEXUS, LOTUS, MASERATI, MAYBACH, MAZDA, MERCEDES, MG, MINI, MITSUBISHI, NISSAN, PAGANI, PEUGEOT, PORSCHE, RENAULT, ROLLS-ROYCE, ROVER, SAAB, SEAT, SMART, SSANGYONG, SUBARU, SUZUKI, TATA, TOYOTA, UAZ, VOLVO, VW, ISUZU



**12 months
updates
included**

MOTORBIKES- Versions 390 (PC) - 590 (Palm) - 690 (Tablet)

Diagnostic Features

Fault Code Reading/Deletion, Parameter/Status Reading, ECU Information Reading, Component Enabling, Auto-adaptive Parameter Reset, CO Adjustment, Key Coding, Service Reset, etc. "

Covered Systems

Engine Electronics
Immobilizer
Service Reset
Belt Service
TPMS
TPS Reset
Robotised Gearbox
On-board instrumentation
ABS
Traction Control

Accessories

cod.xxxxxx

Covered Brands

APRILIA, BENELLI, BIMOTA, BMW, CAGIVA, DUCATI, GASGAS, GILERA, GUZZI, HD, HONDA, KAWASAKI, KVN, KTM, KYMCO, LAVERDA, MALAGUTI, MONDIAL, MORINI, MV, PEUGEOT, PIAGGIO, SHERCO, SUZUKI, TRIUMPH, VOXAN, YAMAHA.

Motorbike Cable Kit Case Part No. 6011000312 Includes following cables:

Part No. 6011001547 Battery power supply cable
Part No. 6011001600 Universal cable
Part No. 6011001607 Basic cable: : Ducati, Guzzi, Piaggio, etc.
Part No. 6011001801 Honda adapter cable, up to MY06
Part No. 6011001802 Suzuki adapter cable
Part No. 6011001803 Kawasaki adapter cable, MY03 to 06
Part No. 6011001804 Kawasaki adapter cable, post MY07
Part No. 6011001805 Benelli adapter cable
Part No. 6011001806 Aprilia adapter cable
Part No. 6011001807 Peugeot adapter cable
Part No. 6011001808 Harley Davidson adapter cable, post MY00
Part No. 6011001809 BMW adapter cable, up to MY03
Part No. 6011001810 Honda Immobilizer adapter cable, post MY05
Part No. 6011001811 Honda adapter cable, post MY06
Part No. 6011001812 BMW CAN cable
Part No. 6011001815 Ducati adapter cable, post MY08
Part No. 6011001813 KTM adapter cable



To activate a new licence,
simply request a new password.
(No adapters or additional cards needed)



TRUCKS, BUSES AND COMMERCIAL VEHICLES - Versions 380 (PC) - 580 (Palm) - 680 (Tablet)

**12 months
updates
included**

Diagnostic Features:

Fault Code Reading/Deletion, Parameter/Status Reading, ECU Information Reading, Component Enabling, Fuel Injector Coding, Auto-adaptive Parameter Reset, ECU Replacement with settings copying, Service Reset, Suspension Setup, Cylinder Compression Test, etc. "

Covered Systems

ABS/Traction Control/ESP, Air Bags, Park Assist, Antitheft, Car Radio, Service Reset, Body Computer, Central Locking, Climate Control, Immobilizer Card Coding, Key Coding, Remote Control Coding, Comfort/Antitheft System, Cabin Control, Diesel Fuel Additive Control, Steering Angle Control, Setup/Suspension Control, Headlight Control, Door Control, Seat Control, Traction Control, Cockpit/Immobilizer, Tyre Monitoring Diagnostics, 4WD Electronics, Gearbox Electronics, Front Central Electronics, Rear Central Electronics, Clutch Electronics, Gearshift Lever Electronics, Engine Electronics, Directional Wheels Electronics, Suspension Electronics, Drive Train Electronics, Parking Brake, Immobilizer, Right Headlight Modulation, Left Headlight Modulation, SOS Module, Navigator, Pre-Fuel Pump, Dashboard, Headlight Beam Width Adjmt., Distance Adjustment, Level Adjustment, Seats/Mirrors Adjustment, CAN Network, Battery Charging, Power Steering/Electric Steering, Sound System, Rear Spoiler, On-Board Instrumentation, TPMS, Roof Control Unit.

Truck/Bus - Covered Brands

ASTRA, BOWA BUS, DAF, DE SIMON, IRISBUS, IVECO, IVECO BUS, MAN, MAN BUS, MERCEDES-BENZ, PETERBILT, RE-NAULT, SCANIA, SCANIA BUS, VOLVO, VOLVO BUS, KAMAZ, etc.

Trailer/Semi-Trailer - Covered Brands

ACERBI, ADAMOLI, ADIGE, ANTEO, CARDI, CARLUX, CARMOSINO, CCFC, CHIAVETTA, CTB, DOLL, D-TEC, FELDBINDER, FGM CAR, GOLDHOFER, GONTRAILER, KASSBOHRER, KOGEL, KRONE, LECINENA, MEILLER-KIPPER, MENCI, MERKER, MICHIELETTO, MIELE, MINERVA, MONTENEGRO, MULTITRAILER, NARDI, O.ME.P.S., OMAR, OMSP MACOLA, PAGANINI, PANNISAR, PAVELLI, ROLFO, SCHMITZ, SCHWARZ, SCHWARZMÜLLER, TABARINI, TALSON, TEKSYSTEM, TECNOKAR, TIRSAN, TRAILOR, VIBERTI, ZORZI

Basic Cable Kit Case Part No. 6011000320 Includes following cables:

Part No. 6011001612 Renault Truck and Commercial Vehicle cable
Part No. 6011001650 Mercedes Truck and Commercial Vehicle cable
Part No. 6011001641 Truck EOBD cable
Part No. 6011001670 DAF cable, Scania cable
Part No. 6011001673 Iveco Truck cable
Part No. 6011001651 Iveco Truck and Commercial Vehicle cable
Part No. 6011001607 Iveco Truck 2 cable
Part No. 6011001671 Volvo Truck cable
Part No. 6011001674 MAN Truck cable
Part No. 6011001678 MAN Truck 2 cable
Part No. 6011001600 Universal Connection cable
Part No. 6011001646 3-m diagnostic cable extension
Part No. 6011001647 Battery connection cable



Expert Cable Kit Case Part No. 6011000321

Includes following cables:

Part No. 6011002679
Part No. 6011002672
Part No. 6011002681
Part No. 6011002684
Part No. 6011002668



To activate a new licence,
simply request a new password.
(No adapters or additional cards needed)



SOCIO COLLECTION

Choose the platform that best suits
your needs (PC – Palm – Tablet),
and configure it with the dedicated
software (Car, Motorbike, Truck, Bus,
Commercial Vehicles and Trailers).




Part No. 7051287-1

www.tecnomotor.it

BV-certified Quality
Management System
compliant with
UNI EN ISO 9001:2008

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The Manufacturer reserves the right to perform
any modification in terms of form and materials
without prior notice.

 made in Italy