



**YOUR OLD SCANTOOL...**

**KO!**

**ST-6000**  
**BLACK POWER**

**REAL FORCE IN  
SELF-DIAGNOSTICS**

**EVERYTHING UNDER CONTROL**



# ST-6000 BLACK POWER

**ST-6000 BLACK POWER** ST-6000 Black power is the state-of-the-art scantool for the multimake diagnostics of electronic systems on board of vehicles and commercial vehicles.

Highly sophisticated technological contents to provide utmost user-friendliness.

## EVERYTHING UNDER CONTROL

**ST-6000 BLACK POWER** provides diagnostics on Engine, Comfort, Safety, Bodywork, and Dashboard:

- > **READING OF ECU INFORMATION**
- > **READING OF PARAMETER/STATUS**
- > **READING/ERASAL OF FAULT CODES**
- > **REGULATIONS**
- > **ACTIVATIONS**
- > **CODING**
- > **DISPLAY OF THE DIAGNOSTIC SOCKETS POSITION AND IDENTIFICATION OF THE ASSOCIATED CABLE (ACCORDING TO THE MODEL)**



## > BLACK CARD +24

The **BLACK PREMIUM +24** subscription enables diagnostics for 2 subsequent years. After subscription expiry further upgrades on validated models are provided

# THE REAL FORCE

## MULTIPLEXER 2

The Multiplexer 2 module allows automatic routing of communication to the specific contacts of the selected system. The high contrast monitor and the use of smart immediate and intuitive graphics provide extremely comprehensive diagnostics of immediate understanding

- > **HIGH SPEED:** after connection to the vehicle ECU **ST-6000 BLACK POWER** is ready for use. Only 10 seconds to have full control of the vehicle to be tested
- > **A TOOL ALWAYS UP TO DATE:** its optimum memory capacity makes **ST-6000 BLACK POWER** an ideal tool which never gets old: the special 512 Mb compact flash card allows processing huge volumes of records without preventing further upgrades for the future, thanks to the easy external access.
- > **UPGRADES PROVIDED:** Brain Bee provides the release of 5 upgrades per year for the vehicle diagnostic database (vehicles and commercial vehicles)



## SOFTWARE UP&GO

Thanks to the UP&GO software to be installed on your PC all periodical upgrades are automatically identified upon their release, downloaded and made available for the tool update through memory card.

- > **EASY CONNECTION TO THE PC:** the **ST-6000 BLACK POWER** software can run under the Windows® system, thus allowing the use of the PC interface to further improve the tool functionality:
  - for periodical upgrades
  - for the connection with FAST.Net, the advanced diagnostics software of Brain Bee (to be unloaded on-line).



## > DPT: Power Under Control

By the activation of the card the **ST-6000 BLACK POWER** can be supplemented with the new **DIAGNOSTIC POWER TEST** software to measure the parameters indicating the wheel actual power, directly on the running vehicle.

In this way **ST-6000 BLACK POWER** allows on-road tests following the defect to be monitored, through several subsequent sessions. By measuring and storing live parameters referring to torque and power it provides check and analysis, after service, of the improvement of the vehicle performance.

## > ST-6000 BLACK POWER:

The only scantool measuring the engine performance BEFORE and AFTER repair.



# TECHNICAL FEATURES OF ST-6000

Multimake tool for the diagnostics of electronic systems on board of the vehicle

CONNECTIONS .....	RS232 INTERFACE DSUB 9-POLE SOCKET – DIAGNOSTIC CONNECTOR D SUB 15-POLE SOCKET
INTERNAL CACHE MEMORY .....	SLOT FOR CF FLASH LCD
KEYBOARD .....	16MEMBRANE KEYS
PC INTERFACE .....	1/4 VGA MONITOR 5,7", 4 GREY TONES
POWER FROM VEHICLE BATTERY ..	12VDC AND 24VDC RATED SYSTEMS
EXTERNAL POWER SUPPLY .....	8...32V Volt
OPERATING TEMPERATURE .....	+5°C / +40°C
POWER .....	7 W max
FUSE .....	1A SELF-RESTORING
WORKING TEMPERATURE .....	5 TO 40°C
DIMENSIONS .....	214 x 292 x 63 mm ( L x H x P )
WEIGHT .....	1100 g

Via modem/via PC updating  
Automatic selection of diagnostic lines with current protection

## COMMUNICATION PROTOCOLS

ISO 14230 ; ISO 9141  
CAN: ISO 11898, Single-wire CAN SAE J2411  
SAE J1850 PWM 41.6 Kbps - VPW 10.4 Kbps,  
RS-485: SAE J1708, SAE J1587  
EOBD: ISO 15031-5, ISO 15765-4  
Blink codes

## DIRECTIVES

Low Voltage Directive 73/23/CEE; 93/68/CEE  
Electromagnetic compatibility directive 89/336/CEE; 32/31/CEE; 93/68/CEE

## STANDARD SUPPLY:

ST-6000 BLACK POWER  
BLACK CARD + 24  
UP&GO  
DPT

## OPTIONAL ACCESSORIES.:

To make **ST-6000 BLACK POWER** the right tool for every situation:

- EURO BAG - cables for European cars
- ASIABAG - cables for Asian cars
- TRUCK connectors
- GOLD PREMIUM TRUCK validation

# [www.brainbee.com](http://www.brainbee.com)