



***SELF-DIAGNOSTIC***  
***F-BOX SCANTOOL***

***WIRELESS  
SELF-DIAGNOSTICS***

***EVERYTHING UNDER CONTROL***



# F-BOX SCANTOOL

A WIRELESS multibrand diagnostics feature for the on-board electronic systems of cars, commercial vehicles and heavy goods vehicles, **F-BOX** is the high-technology hardware interface permitting the serial diagnosis of all electronic systems (including CAN Network) installed on board cars, commercial vehicles and heavy goods vehicles without using wires.



## EVERYTHING UNDER CONTROL

- > **READING OF ECU INFORMATION**
- > **READING OF PARAMETERS/STATUSES**
- > **READING/ERROR CANCELLATIONS**
- > **ADJUSTMENTS**
- > **ACTIVATIONS**
- > **CODES**
- > **LOCATION, BY DISPLAY, OF THE POSITIONING OF DIAGNOSTIC SOCKETS AND IDENTIFICATION OF THE WIRE TO USE**

## EASY CONNECTION WITH THE PC

**F-BOX** can be used in combination with any Personal Computer by linking a BT-100 module to the serial or USB port. Alternatively, it can be combined with a portable ST-8000 unit.

**F-BOX** is wireless; using Bluetooth ® technology, **F-BOX** transmits data to the central unit, leaving the operator completely free of wires that would obstruct garage operations.

**F-BOX** is a easy-to-use, practical system, with a host of technical information and electrical diagrams, guiding the user to the pinpointing of errors in the various systems to completely eliminate vehicle defects.

The icon graphics make comprehension easy and speed up reading, making any diagnostic operation more simple. With the FAST.NET, software program developed by Brain Bee, **F-BOX** is a complete, modern, flexible and above all easy-to-use tool.



**PARAMETERS GRAPHIC DISPLAY**



**COMPONENTS AND PORTS LOCATION (ON LINE DISPLAY)**



**SYSTEM SELECTION**

# WIRELESS SELF-DIAGNOSTICS

## OPERATIONAL INTEGRATION

In combination with Brain Bee's D-SCOPE 2 tool (Optional) it is also possible to integrate autodiagnosics with the oscilloscope function, by using the WAVE.NET program, which can be installed on any PC.



## 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.



## MULTIPLEXER AND MUX BOX

The MULTIPLEXER and the MUX BOX (Specific Optional module for Asian cars without EOBD connectors) are automatically controlled by the program and enable automatic diagnosis of all systems with a single link to the same diagnostic socket. It is therefore not necessary to modify the wiring connection to diagnose different systems.



**SYSTEM SELECTION**



**GRAPHICAL DISPLAY OF  
PARAMETERS DIAGNOSTICS**



**TECHNICAL INFORMATION WITH  
DEDICATED SERVICE MENU FOR  
PILOT LAMPS RESET**

## TECHNICAL SPECIFICATIONS

Multibrand 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	512Mbyte
POWER FROM VEHICLE BATTERY	12VDC and 24VDC rated systems
EXTERNAL POWER SUPPLY	8...32V Volt
OPERATING TEMPERATURE	+5°C / +40°C
POWER	5 W max
FUSE	1A self-restoring
WIRELESS RANGE	100 mt (Free air space)
DIMENSIONS	140 x 65 x 230 mm ( L x H x P )
WEIGHT	550 g

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

## STANDARD SUPPLY

- **F-BOX** EOBD + GOLD CARD PREMIUM (Vehicles database activation + 1-year update service)
- MULTIPLEXER 2
- Cable ECU-31
- Cable ECU-032
- Cable USB

## OPTIONAL ACCESSORIES

To make **F-BOX** the right tool for every situation:

- EURO BAG MULTIBRAND (Cables for European cars)
- ASIABAG MULTIBRAND + MUX BOX SLIM (Cables for Asian cars)
- D-SCOPE 2
- DPT - DIAGNOSTIC POWER TEST
- TRUCK KIT (Connectors) + GOLD CARD TRUCK PREMIUM (Truck database activation + 1-year update service)

***www.brainbee.com***