



PARAMETERS GRAPHIC DISPLAY



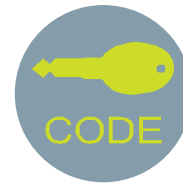
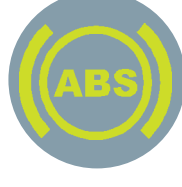
COMPONENTS AND PORTS LOCATION (ON LINE DISPLAY)



SYSTEM SELECTION

Systems that can be tested

- INJECTION- ENGINE
- WARNING LIGHTS
- RESET
- ABS
- IMMOBILIZER
- AIR BAG
- AUTOMATIC
- TRANSMISSION
- COMFORT-SAFETY
- CRUISE CONTROL
- EOBD
- CAN-BODY C.



ST-8000



F-BOX

WIRELESS multimake diagnostics of electronic on board equipment of motor vehicles, commercial vehicles and heavy duty vehicles.

F-BOX it is a state-of-the art technology hardware interface enabling to carry out serial diagnostics on all of the electronic systems (CAN network included) installed on board of vehicles, commercial vehicles and heavy duty vehicles without the use of cables.

F-BOX can be used with an ordinary Personal Computer, by connecting a BT-100 module to the serial port, or with the portable unit ST-8000.

F-BOX is wireless; thanks to the wireless technology, **F-BOX** transmits the data to the central unit, thus enabling the operator to work in complete autonomy from cables that usually limit the efficiency of the workshop work.

F-BOX is a very handy, simple system offering exhaustive technical information and wiring diagrams that guide the operator in the detection of errors in the various vehicle systems until their complete elimination.

The FAST software, integrated with a scope and multimeter function (through the connection with D-SCOPE), and different data bases make of **F-BOX** a complete, modern, flexible, and most of all user-friendly tool.

Intuitive graphics with icons

The icon graphics favours understanding and immediateness thus making interventions easier:

- AUTODIAGNOSTICS DECODING
- DIAGNOSTICS
- COMPONENTS AND PORTS LOCATION (ON LINE DISPLAY)
- ON LINE GRAPHIC DISPLAY OF CENTRALIZED CONNECTORS AND CONNECTIONS
- WIRING DIAGRAMS DISPLAY (CONNECTED TO PC)
- TECHNICAL INFORMATION AND ON LINE DISPLAY OF COMPONENTS TO BE TESTED FOR INTERFACE WITH PC (WINDOWS PROGRAM)
- AUTOMATIC MULTIPLEXING
- CENTRAL PORT PIN CONNECTION
- MULTIMETER/OSCILLOSCOPE INTERACTIVE FUNCTION, DOUBLE TRACE, SAMPLE WAVE (WITH OPTIONAL MODULE)
- HELP ON LINE



PC + MODULO BT-100



WIRING DIAGRAMS DISPLAY



TECHNICAL INFORMATION AND ON LINE DISPLAY OF COMPONENTS TO BE TESTED FOR INTERFACE WITH PC (WINDOWS PROGRAM)



ON LINE GRAPHIC DISPLAY OF CENTRALIZED CONNECTORS AND CONNECTIONS



BID WORLD KIT

Set of connectors for Asian and European Vehicles

OPTIONAL



Example of acquisition of a secondary wave form signal (ignition)



Example of acquisition of lambda probe signal



ALL IN ONE operating integration

A principle recalling the Windows concept: several windows open simultaneously that allows you to use more integrated programmes at the same time. Thanks to the attachment D-SCOPE it is possible to integrate the autodiagnosis with the oscilloscope function. From diagnostics you can shift directly to the components test by entering the oscilloscope function with the correct parameters for the component to be tested.



MULTIPLEXER and MUXBOX

The MULTIPLEXER and the MUXBOX coming with the tool are automatically controlled by the software and allow testing all systems connected to the same diagnostics port (ex. AIRBAG, ABS, CLIMA etc.) without connecting other cables.

TECHNICAL DATA

Functions: Decoding autodiagnosics, Data Base components location and technical information
Connections: D SUB 15 and 9 poles
Interfaces: N. 1 serial port RS232
Working temp.range: 5 to 40°C
Power supply: 8...36 V dc (option for 24V system) 5W protections: power supply revers., short circuit and electrostatic discharges, voltage spikes.

COMMUNICATION PROTOCOLS SUPPORTED BY THE F-BOX

- ISO 9141 E 9141- 2
- J1850PWM
- J1850VPW
- CAN

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F-BOX

WIRELESS SELF-DIAGNOSTICS SYSTEM



WIRELESS SELF-DIAGNOSTICS FOR PC / ST-8000



B.I.D. one
 BRAINBEE INTELLIGENT DRUM

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