D-SCOPE

WIRELESS OSCILLOSCOPE AUTOMOTIVE

HIGH AND LOW VOLTAGE OSCILLOSCOPE FOR TRADITIONAL AND DIS IGNITIONS AND FOR LABORATORY FUNCTIONS

WIRELESS

B.I.D. one
BRAINBEE INTELLIGENT DRUM

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BrainBee®
AUTOMOTIVE

D-SCOPE is an oscilloscope / multimeter / lambda probe testing module that may be connected to an ordinary Personal Computer, by connecting a BT-100 module to the serial port or to the ST-8000 portable unit without the need to use any cables. **D-SCOPE** is **wireless**; thanks to the wireless technology, **D-SCOPE** transmits the data to the central unit without the need to use any cables, thus enabling the operator to work in complete autonomy from cables that usually limit the efficiency of the workshop work. The icons software was developed in order to make its use simpler while making all of the operations easier. It features dedicated functions for the testing of the primary and secondary signal on both traditional and DIS ignition systems. It also features the lambda probe and the alternator signal testing functions. Thanks to the integration with the FAST software, D-SCOPE puts at the operator's disposal the wiring diagrams and data bases of the various vehicle electronic systems. D-SCOPE is a complete, modern, flexible, and most of all user-friendly tool.

INTEGRATION WITH AUTODIAGNOSTICS FUNCTIONS AND AUTOMATIC SELECTION OF SCALES

It perfectly supplements the autodiagnostics functions and allows the operator the direct shift from the autodiagnostics to the oscilloscope function without any regulation.
Indeed, thanks to the selection of the component to be tested the oscilloscope is automatically set both in the measurement scale and in the times scale.

MEMORIZATION AND ARCHIVE OF WAVE FORMS

The software also includes memorization and filing of wave forms. The operators can thus create their own data base of wave forms combined to a defect.
Each stored wave form is accompanied by relevant comments.

TECHNICAL DATA

Power supply:
- 10 to 16 Vdc (Battery)

Communications:
Internal- via wireless BT-100 module
Oscilloscope specifications:
- 2 traces

Lab signal input
- Scale –500V to +500V peak
- Sensitivity 0,2V/div to 150V/div
- Times base 0,2ms/div to 1s/div

Primary signal input
- Scale –500V to +500V peak
- Sensitivity 40V/div to 160V/div
- Times base 2ms/div to 20ms/div

Secondary signal input
- Scale 0V to +50KV peak
- Sensitivity 2KV/div to 10KV/div
- Times Base 2ms/div to 20ms/div
- Revolution input
- Image freezing option
- Comparison with sampling wave forms
- Lambda probe test
- Alternator diodes test
- Traditional ignition test
- DIS ignition test (polarity automatic search)

Multimeter specifications:
- Resistances measurement 0 ohm to 2 Mohm with automatic scales
- Voltage measurements –100Vdc to +100Vdc with automatic scales

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INTELLIGENT SOLUTIONS FOR THE AUTOMOTIVE

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