

NEW

**in 2011:
FSA 500**



A yardstick in innovative technology:
Vehicle system analysis FSA



BOSCH

Invented for life

FSA 500: **The economic measurement module** for flexible use

Advantageous modular concept with wireless connection to the PC system

- ▶ Positioning of the FSA 500 module in the engine compartment
- ▶ Positioning of the SD module in the vehicle interior
- ▶ Comfortable adaptation with short sensor cables



Benefits to the workshop

Particularly favorable: Entry to comfortable electronics testing

- ▶ Inexpensive measurement module
- ▶ Simple operation
- ▶ Flexible handling at the vehicle
- ▶ Mobile use in the workshop
- ▶ For all standard requirements in electrical system and electronics testing
- ▶ Practical display of actual values from the ECU diagnosis in conjunction with the KTS module
- ▶ Can be extended with the FSA 050 for testing electric and hybrid vehicles

New! FSA 500: The measurement module for entry to diagnosis of the electrical system and electronics

The handy FSA 500 from Bosch is the perfect entry into cost-effective vehicle system analysis. The battery-driven measurement module has a radio connection to the PC system. Its superiority is proved mainly in the convenient testing of all important electrical and electronic components. Many practical equipment details make it a safe investment in the future.

Equipped for cost-effective application

- ▶ Compact, battery-driven measurement module with wireless connection to the PC system (tablet PC DCU 130 or laptop)
- ▶ Software for testing the most important electrical and electronic components in the vehicle
- ▶ Timesaving testing of components when still installed
- ▶ Around 30 preset component tests
- ▶ Signal generator for simulation of sensor signals
- ▶ Battery peak-coil current measurement up to 24 hours
- ▶ Convenient universal oscilloscope with 2 channel (2 x 40 MS/s) and 4-channel mode (4 x 1 MS/s)
- ▶ Test of vehicle bus systems (e.g. CAN bus)
- ▶ Importing and saving comparative curves
- ▶ Engine test functions
- ▶ Ignition scope



For all standard testing of the electrical system and electronics – and more.

- ▶ Optional diagnostics of electric and hybrid drives
- ▶ FSA measuring technology as an option for KTS/ESI customers

Simple entry to diagnostics - and all options open

The new measurement module is ideal for all workshops looking for an economic and convenient solution for all standard diagnostic cases. Designed for fast, mobile use in the workshop, the handy FSA 500 provides all options for adapting to existing systems as well as the step-by-step expansion to a comprehensive workshop testing system.

Equipment details FSA 500

- ▶ Storage case
- ▶ Power unit with mains connection cable
- ▶ USB cable
- ▶ System software SystemSoft[plus]
- ▶ Connecting cable Multi 1/Multi 2 and B+/B-
- ▶ Connecting cable term. 1/15 (Uni-line II)
- ▶ Trigger clamp
- ▶ Clamp-on probe 1,000 A
- ▶ Air pressure measurement with hose line
- ▶ Universal KV probe
- ▶ Remote control button



DCU 130: Easy and fast diagnosis

Systems in passenger cars and commercial vehicles are becoming increasingly networked. This involves a great deal of data: Updates are important for the workshop – particularly if they contain information on new systems. But the hardware also to keep pace in order to meet the requirements of the today's daily workshop operation.

The DCU 130 is the PC and operating unit for the FSA 500 measurement module and the ECU diagnosis modules KTS 5xx. It can be used as an alternative to a laptop. The touchscreen ensures even more flexible and comfortable work.

Bosch: Your partner for the workshop of the future

For over 120 years, innovations from Bosch have kept vehicles in motion to ensure that people get from A to B safely and comfortably.

Bosch Automotive Aftermarket offers the trade and workshops a worldwide, unique combination of:

- ▶ Efficient diagnostics
- ▶ Modern workshop equipment
- ▶ Quick and reliable delivery service
- ▶ The most extensive range of replacement parts in the market
- ▶ Workshop concept for all requirements
- ▶ Comprehensive range of training courses
- ▶ Targeted sales and marketing promotion
- ▶ Competent Hotline
- ▶ 24-hour online workshop portal
- ▶ Favorable leasing offers for workshop equipment and software
- ▶ And many other services to guarantee your success

When this is all combined, not only the parts fit into place but also the time schedule, organization and the result.

Workshop tip:

With its expertise from original equipment, Bosch offers all diesel specialists a holistic range of workshop test equipment, software, training and know-how. For consolidating diesel business today and in the future.

Diagnostics and parts: you only find both at Bosch.

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