

New

DiagRA M for Windows CE

Measuring data scanner
made by RA



The features

- Display and recording of measuring data
- Support of
 - CAN based measurement devices and ECUs, parameter configuration via CANdb files
 - SMB based measurement devices
- Measuring channels for display and recording can be selected independently
- Trigger function with lead time and follow-up time
- Different graphical view modes (text, bars, curves)

Your benefit

- Easy-to-use
- Advanced mobility thanks to Windows CE devices
- Operation by voice control for use during the test drive
- Easy configuration



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Measuring data scanner

DiagRA M for Windows CE

DiagRA M is a compact and easy-to-use tool for display and logging of measuring data and was designed especially for the use during the test drive. It is available for the use with PDAs.

DiagRA M supports CAN-based measurement devices and electronic control units (ECUs). The setting of parameters for the measurement and the used devices and ECUs will be made by the use of CANdb files. The measurement channels for display and recording can be selected independently. CAN parameters like CAN format, baud rate and identifier are adjustable.

Measurement devices that are based on the Serial Measurement Bus (SMB) are still supported.

DiagRA M takes best possible advantage from the capabilities of modern PDAs and gives furthermore best possible ease-of-use. It is controlled via menus, toolbars and special buttons. During the drive the one-hand-operating via the navigator key brings maximum security. The acquired data can be parallel displayed and logged into files. Various configurable and scaleable display modes e.g. the single channel large screen display, help to show the required information according to the needs of the user.

Main characteristics

Visualization:

- various display modes (text, bars, curves)
- single channel large screen display
- free configuration and scaling of the graphical display

Data logging:

- measurement channels for display and recording can be selected independently
- measurement timer for time-triggered data logging
- trigger function with lead time and follow-up time
- replay functionality and integrated viewer for logged data

Ease-of-use:

- comfortable operating via menus, toolbars and special buttons
- easy, fast operation via navigator key without pen
- speech recognition for use during the test drive

The user can change between SMB and CAN mode anytime. This is interesting for those, who are still using the SMB devices but also have new CAN based devices and who want to acquire data from ECUs additionally.

Acquiring measuring data on CAN:

- connection to CAN via CANcardXL (Vector) in PDA jacket
- configuration of parameters via CANdb files
- channel selection at signal and frame level
- CAN parameters (CAN format, baud rate and identifier) adjustable
- CAN signals can be sent to verify the devices

Acquiring measuring data on SMB:

- support of
 - o AD-Scan
 - o Dual-Scan
 - o Baro-Scan
 - o Thermo-Scan
 - o Lambda-Meter
- connection of up to 16 devices via the serial interface
- automatic recognition of device types and active channels

System requirements:

- high-capacity PDA (like the iPAQ H5550)
- operating system Windows Pocket PC or higher
- memory expansion recommended
- PCMCIA card slot available (like the Dual Jacket for iPAQ)
- serial cable with SMB-adaptor for use of the SMB devices
- serial cable with null modem adaptor for use of supported CAN interface devices with serial connector

