In-depth vehicle diagnostics in the blink of an eye.

AVL DiTEST
DIAGNOSE FAMILIE

Comprehensive performance
One for all – everything for everyone, quick and easy.

AVL DiTEST XDS 1000 Diagnostic Software for Workshops, Valuers and Experts

If you want to maintain, repair, analyse or assess vehicles, you need a quick and reliable tool in order to diagnose the vehicle systems. AVL DiTEST diagnostic devices have been specially optimised for these applications. The software offers easy handling and sophisticated user guidance. This saves time and reduces costs for training and repair work.

At the service desk or during assessment of damage, all systems built into the vehicle and their fault memory can be read out within a few minutes in order to obtain a quick overview of possible technical (problematic) changes to the vehicle. The daily maintenance and repair work required in the workshops for passenger and commercial vehicles can be completed reliably thanks to the comprehensive function database. The AVL DiTEST XIS PRO also provides a professional information system in order to retrieve additional manufacturer-specific information.
With a variety of control units per vehicle and modern diagnostic depths, only one thing counts nowadays: a complete overview. That's why AVL DiTEST XDS 1000 supports you with helpful functions and a clear user interface. This saves you time, money and stress. AVL DiTEST XDS 1000 allows for a quick vehicle check, even during acceptance talks with the customer. The revolutionary quick vehicle selection makes it all possible! Last but not least, the fully automatic system and control unit identification functions make everyday work that little bit easier: with just one click, XDS 1000 automatically tests all vehicle systems for control unit data, error statuses and supported functions. The new Intelligent Guide System leads the user through the diagnostics process in three steps and displays information on operating errors and function shortcuts. After the fast complete scan, all fault codes can be read out or even deleted – with just one click. Browse all vehicle functions in real time, even after the selected test. Prolonged searches in various control units are a thing of the past. Intelligent live data filtering and graphic evaluation allow for quick and professional analysis of every cause of error.

LIGHTNING FAST DIAGNOSTICS – FULL DETAILED VIEW INCLUDING OVERVIEW.

- AVL DiTEST AutoScan
- Automatic engine code identification
- Independent recognition of diesel/petrol engines
- Real-time function and live data filtering
- Direct link to service reset, with no control unit selection necessary
- Integration of the XIS information system into the diagnostic software
- Live data selection assistant
- All fault codes can be deleted with just one click
- Long-term storage of live data possible
- Export of live data

FULLY AUTOMATED ASSISTANTS – INTELLIGENT GUIDE SYSTEM

- Automatic VIN and mileage readouts
- Permanent vehicle connection status display
- Continuous system voltage checks

DIAGNOSTIC FUNCTIONS OF AVL DiTEST XDS 1000

WORKSHOP DIAGNOSTICS

- Read and delete fault codes
- Live data
- Actuator tests
- Parametrisation
- Coding
- Service reset
- Initial setting

USER-ORIENTED INTERFACE – JUST 3 CLICKS IS ALL IT TAKES

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MINIMUM PC REQUIREMENTS

Most modern computers are now only available to buy with the pre-installed Windows 10 operating system. AVL DiTEST has extensively tested the new XDS 1000 diagnostic software and has approved it for Windows 10 32/64 bit. Certain interface design requirements can be adapted more quickly thanks to the new, intuitive interface. The enhanced live data assistant now displays all highlighted reference values.

AVL DITEST XDS 1000 – VERSIONS

MULTI-BRAND DIAGNOSTICS – VARIANTS

- Passenger vehicles (including LGV)
- Trucks (including LGV)
- Passenger vehicles + trucks (including LGV)

TERMS AND CONDITIONS OF SOFTWARE UPDATE SUPPORT

- Take advantage of free updates during the term
- The minimum term can be extended annually
- Use of the software is not restricted at the end of the term
- Customers can re-acquire the software update support agreement at any time at no additional cost
- If customers re-acquire the agreement, AVL DiTEST will provide them with the latest software version

TERMS AND CONDITIONS OF LICENSED SOFTWARE

- No running costs
- No term limitations
- Customers can acquire a software update support agreement at any time
DIAGNOSTICS IN THE FIELD

Due to the wide range of vehicle brands and types coming into workshops, with their various types of engine and configuration, even experienced technicians are finding it increasingly difficult to replace components. To make matters worse, even when simply replacing components or carrying out a service, the control units need to be reset or adjustments made. In order to properly carry out this work, which has now become routine in workshops, technicians require a diagnostics device. Thanks to the simple operation and clear specifications of our XDS 1000 diagnostic software, the work processes are self-explanatory. Below you will find an example of how a diesel particulate filter regeneration is carried out.

DIESEL PARTICULATE FILTER REGENERATION – AN EXAMPLE

HIGHLIGHTS PEUGEOT 308:
2017 model

- Auto scan of all control units

SYSTEM | STATUS
--- | ---
Additive pump | OK
Airbag electronics | OK
Audio operating unit | Fault
BSI central electronics | Fault
Battery charging management | Fault
Brake electronics | OK
Service module | Fault
Parking assistance | Fault
Electronic gear selector lever | OK
Driver’s door | OK
Vehicle distance assistant | Fault
Gearbox electronics | OK
Sealbelt electronics | OK
Air conditioning electronics | OK
Combination instrument | Fault
Steering wheel electronics | OK
Matrix display combination instrument | OK
Engine electronics | Fault
Multi-functional camera | OK
Rain sensors | OK
Steering wheel switch module | OK
Headlight electronics | OK
Power steering | OK
Telematics | Fault
Touchscreen | Fault

Available expert functions

1. Select engine electronics.
2. Select desired function from the database.
3. Important information is displayed on the screen for the technician.
4. Diesel particulate filter regeneration is requested.
5. Diesel particulate filter regeneration is carried out.
6. Diesel particulate filter regeneration was completed successfully.
AVL DITEST XIS PRO
THE ONLINE INFORMATION SYSTEM

Financially, technicians cannot cope with a normal day in the workshop without information on the various vehicles. The AVL DITEST information system is accessible online and is therefore always up to date. This means that there is no need for ongoing software maintenance by workshop employees. Besides maintenance and repair data, the system also contains known sources of error, circuit diagrams and test instructions for electronic components.

ADVANTAGES
- Saves time – quick access to the most important information
- Comprehensive vehicle coverage – from Alfa to Volvo
- Improved operational efficiency – professional planning of processes
- User-friendly access – always available online

AN OVERVIEW
- Comprehensive online information system
  - Circuit diagrams
  - Test instructions
  - Manuals
  - Mechanical data
  - Works value lists
  - Maintenance plans
  - Tips and tricks
  - And much more
- Intelligent and practical online troubleshooting (passenger vehicles)
- Constant expansion to include additional brands, models and systems
- Instructions regarding disconnecting the voltage to electric and hybrid vehicles

AVL DITEST VEHICLE HOTLINE

Our vehicle hotline provides support for tricky vehicle problems and information on the correct use of measurement technology in vehicles. Thanks to the collective expertise of all users, you have personal access to a comprehensive pool of information in addition to our vehicle specialists. Remote maintenance gives our authorised specialist staff access to the diagnostic system and can therefore assist you with troubleshooting and programming in real-time.

SERVICES
- Our car and commercial vehicle specialists support you with the diagnosis
- Available from 8 a.m. to 6 p.m. CET from Monday to Thursday and from 8 a.m. to 5 p.m. CET on Fridays
- Provision of up-to-date information on problematic cases
- Support with test and repair instructions and circuit diagrams
- Information on mechanics, default values and torques
- Analysis and evaluation of signals with measurement technology
- Remote maintenance over the internet for targeted vehicle programming
EXPERT DIAGNOSIS FOR USED VEHICLE VALUERS

The AVL DiTEST XDS 1000 diagnostic software has also been optimised for use as a valuation tool in the used vehicle segment. The purchase or sale of a used car involves many uncertainties. In addition to checking the technology and the bodywork, a proper quality check of the used vehicle should also involve a system check, in order to test all the electronic systems and associated fault memories built into a vehicle (among other things).

What really sets the AVL DiTEST diagnostic software apart for valuers is its ease of use, extremely rapid scanning of available vehicle systems, clear display of the vehicle’s fault statuses and the creation of quality reports for all available systems, including the error status. A special function also enables all mileage statuses and chassis numbers from the vehicle systems to be read out in order to clearly recognise any possible vehicle manipulations.

EXPERT DIAGNOSIS FOR INSURANCE COMPANIES AND VEHICLE EXPERTS

The AVL DiTEST XDS 1000 diagnostic software supports forensic experts with damage assessments, special opinions and court opinions, the valuation of lease vehicles and accident analysis. An average, mid-range vehicle now has more than 35 electronic vehicle systems installed in it. The systems have different tasks and record a huge amount of data about the use, repair and condition of the vehicle, such as accidents, defects, time of service, mileage statuses and the chassis number.

The AVL DiTEST diagnostic software provides supporting functions for insurance companies and vehicle experts: The AVL DiTEST software for vehicle experts combines simple handling of the diagnosis of the vehicle systems with many functions for a more thorough vehicle assessment:

- Simple vehicle selection via VIN
- Quick identification of the vehicle systems with firmware and software statuses
- Testing of the safety-related electronic systems with display of recorded faults and available event data
- Logging of the vehicle’s condition
- Display of mileage manipulation
- Analysis of live data, e.g. the number of keys acquired, tyre pressure
- Quick test of the components e.g. lights, brakes, air conditioning
AVL DiTEST
DIAGNOSTIC HARDWARE.

We provide a range of hardware versions to ensure that you have the right vehicle diagnostic solution in the workshop or in any other environment.

- Robust, waterproof and dust-proof
- Simple touch-screen operation
- Large display - light and handy
- Impact resistant
- Oil and acid proof
- Can be used one-handed

AVL DiTEST VCI 1000
- Integrated LED torch for easier connection to the port in the footwell
- Intelligent universal status light (blue, green, red)
- Alarm and lanyard for the VCI 1000 to prevent loss
- Small, handy, with integrated torch

AVL DiTEST MDS DRIVE 188
Includes:
- Robust transport case
- VCI 1000
- OBD extension cable, length: 1 m
- Tablet PC with 11.6" display

AVL DiTEST MDS DRIVE UM 185
Includes:
- Robust transport case
- VCI 1000
- OBD extension cable, length: 1 m
- Fieldbook tablet PC with 8.1" display

AVL DiTEST MDS 105
Includes:
- Robust transport case
- VCI 1000
- OBD extension cable, length: 1 m

AVL DiTEST MDS 650
Includes:
- Hardware trolley (slim-line PC, TFT display, laser printer software)
- Diagnostic interface AVL DiTEST VCI 1000
- 4-channel scope module AVL DiTEST SCOPE 1400
- Exhaust module petrol AVL DiTEST GAS 1000
- Diesel exhaust module AVL DiSmoke 480 Bluetooth
- And much more (Deviations according to the country)