

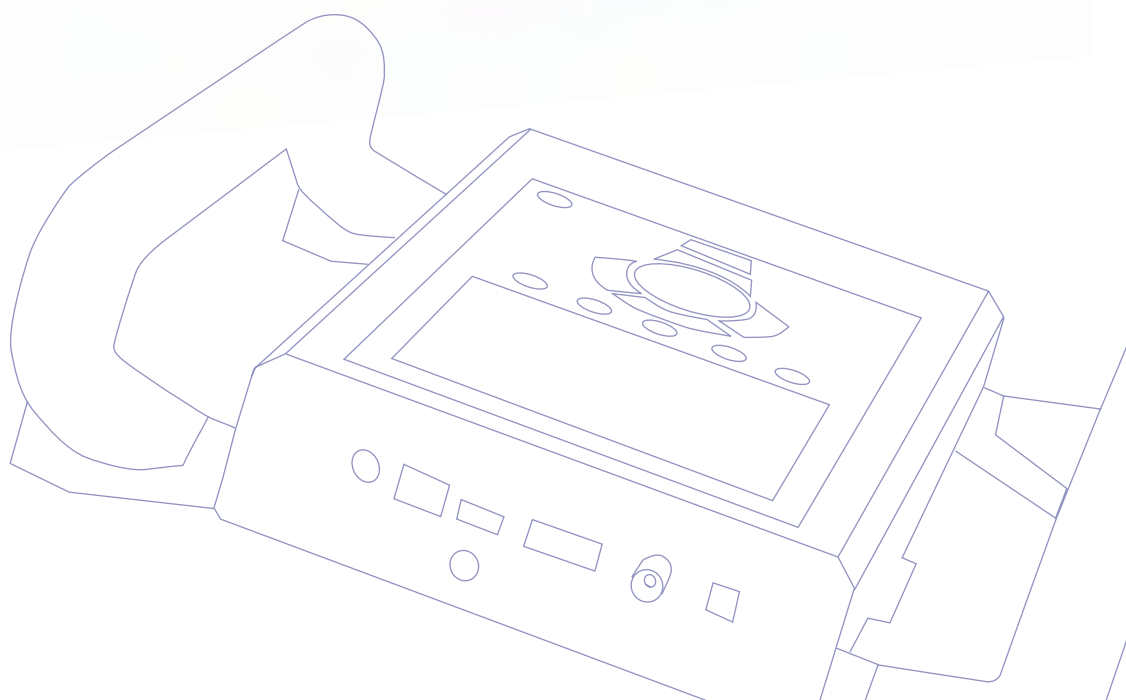


AVL DISCAN 8000

FAULT CODE READER WITH
INFORMATION SYSTEM AND OSCILLOSCOPE

FUTURE SOLUTIONS FOR TODAY

AVL
DITEST



GOING NEW WAYS TO NEW DESTINATIONS.

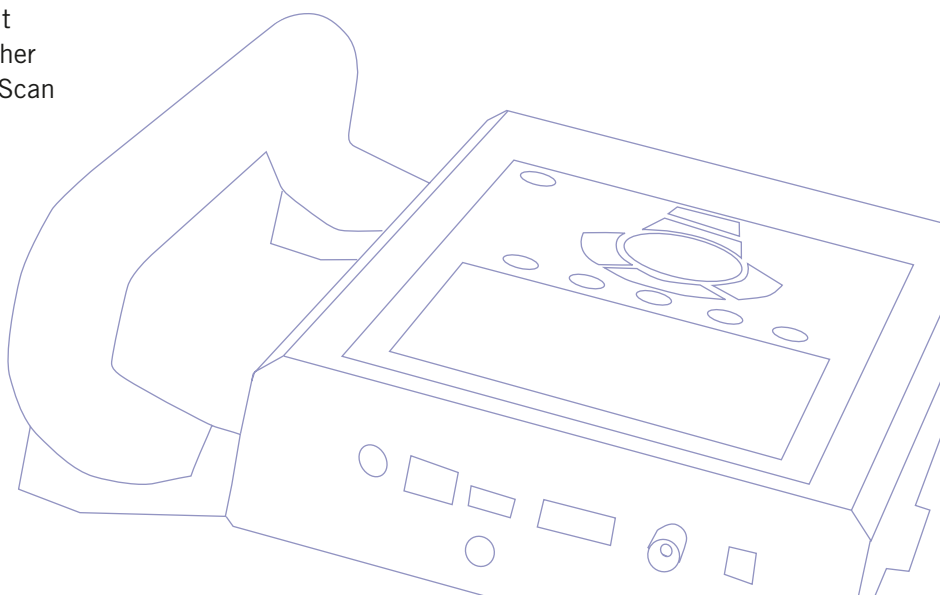
Vehicle diagnosis of today aims at comprehensive analysis. The complexity of modern cars demands the perfect function of mechanical, hydraulic, electronic and electric components to ensure smooth functioning.

Therefore it is a crucial task to simplify the complicated world of electronics and engines. Fault code reading is a key prerequisite for this. Other diagnostic steps are essential as well. AVL DiScan 8000 – the perfect answer to all questions.

Diagnostic software
Passenger cars/motorcycles
and trucks

Information system

Oscilloscope and
digital multimeter



Going way up fast. With the right basis. Take a close look at the products you trust with your future.

Diagnostic software*:	Passenger car EOBD/OBD2	Motorcycle	Truck	Scope and digital multimeter	Engine ABS Air conditioning Gearbox	Oscilloscope DMM
Read error codes	•	•	•	Graphic display		• •
Delete error codes	•	•	•	Numerical display		• •
Live data / parameters	•	•	•	Default set-ups (component-specific)		•
Servo component test		•	•			
Default settings / adjustments	•			Information system:		
EOBD mode 1 to 9		•		General information on component	• • • •	
Save results	•	•	•	Position of component in engine bay	• • • •	
Show position of diagnostic socket in vehicle	•	•	•	PIN layout of component on control device	• • • •	
Show position of control devices in vehicle	•	•	•	Component testing information	• • • •	
Show position of software updates / year	4	4	4	Flash code interpretation	• • • •	
				Number of software updates / year	2 2 2 2	

The current vehicle cover can be downloaded from www.avlditest.com.

* Diagnostic options depend on the control device selected.

Handheld scan tool with multi-functional performance.

- Diagnosis Software available as yearly Subscription or as unlimited Version
- Optionally for passenger car/motorcycle + EOBD or/and truck
- Optional vehicle information system INFODAT@CAR
- Optional functions "Oscilloscope" and "Multimeter"
- Menu-controlled user guide
- Colour display
- Different cable sets



Thinking farther. Going farther.

- Future-oriented
- User-friendly and sturdy
- Many language versions
- Can be used without PC



Information system

For unique insights. Be an insider with AVL DiTEST software.

Experience can't be taught – it must be made. In keeping with this principle, AVL DiTEST is writing history in the field of vehicle diagnosis. Mirroring the rapid technical change of our time, the result is a comprehensive diagnostic tool of maximum sophistication and mature perfection.

For exacting users – AVL DiScan software packages. Don't settle for less.

Precision in detail.

The diagnostic software for passenger cars/motorcycles and trucks.

Information with system.

The information system software.

A pacemaker of progress.

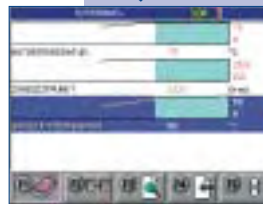
The oscilloscope and digital multimeter software.

Diagnosis to analyse the progress of tomorrow.

Software package for fault code diagnosis and correction

Display of fault codes and fault status (current, sporadic, deleted) as well as further help texts

A clear look at the whole system as a combination of vehicle information and error detection



Comprehensive information from required on-board 12 V voltage to adapter cable use

Live data and parameters are visualised graphically and numerically



Scope and digital multimeter

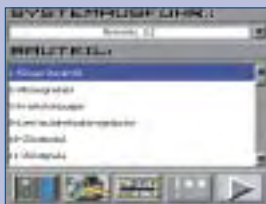


Adapter cable for passenger cars



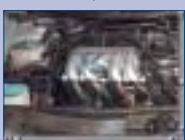
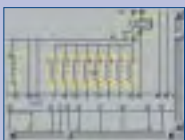
Adapter cable for trucks

Information system.



Software package for component testing and localisation

Collects comprehensive information about vehicle components, including flash codes, pin layout and diagnostic information.

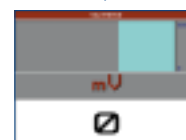
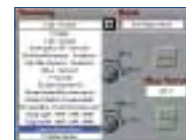


Scope and digital multimeter.



Software package for physical component testing and signal analysis

Unlimited information through signal type visualisation using component-specific default settings with oscilloscope and digital multimeter.



Adapter cable for passenger cars

for vehicle-specific diagnosis of passenger cars, from Alfa Romeo to Volkswagen

Adapter cable for motorcycles

for vehicle-specific diagnosis of motorcycles, from Aprilia to Yamaha

Adapter cable for lorries and trucks

for vehicle-specific diagnosis of lorries and trucks, from Actros to Vivaro

EOBD / OBD2 standard adapter cable

Id.No. GE7027

VGA cable

for connection to an external VGA screen

Id.No. GE7038

PC connection cable

for software updates by means of a PC and RS232 interface

Id.No. GE7037

Cable set for oscilloscope

including accessories

Id.No. GE7034

**AVL and AVL DiTEST.****A Supreme Combination of Technical Flexibility with Future-Oriented Perspectives.**

The philosophy of AVL – looking at the world of automobiles in its entirety – perfect development of vehicles while safeguarding faultless daily use. In keeping with our principle, AVL DiTEST is up to the challenge of providing workshops and testing centres with high-tech diagnostic systems on the cutting edge of technical standards. The result - optimum performance with individualised service based on pioneering AVL technology. Our know-how accumulated over more than 50 years of passion for technology ensures unsurpassed precision.



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WWW.AVL DITEST.COM

Technical data of scan tool:

Display	VGA colour display
Accumulator	1250 mAh, 7.2 V, up to 45 min. without external power pack
Power requirement	15 W
Interfaces	USB, RS232, AVL Compact Flash, AVL Smart Card, diagnostic connection, oscilloscope and multimeter, VGA
Protocol	ISO 9141-2, KWP2000, SAE J1850, CAN and vehicle-specific protocols*

* The current vehicle cover can be downloaded from www.avlditest.com.

Technical data of oscilloscope:

Number of channels	1
Visualisation options	Ignition primary, vehicle sensors and servo components
Time basis	50 μ s - 5 s
Frequency range / bandwidth	20 kHz +/- 3 dB
Input resistance / capacity	20 MW / 200 pF
Scan rate	100 kHz
Trigger	Manual
Voltage measurement range	0 - 500 V
Power measurement range (power analyser)	0 - 450 A
Operating temperature	5 °C - 45 °C
Standards	CE, ISO 15031-4 (Scan Tools)
Dimensions	340 x 280 x 90 mm
Weight	Approx. 3 kg