

**Getting to grips with the law:
A faster road to success.**



**AVL DiTEST CDS
COMPACT DIAGNOSTIC SYSTEM**

Emissions testing for petrol and diesel engines.



**Faster compliance with
statutory provisions.**

HIGH-SPEED EMISSIONS TESTING FOR PETROL AND DIESEL ENGINES

Always to hand and always ready to use. Simple, fast and intuitive testing sets the AVL DiTEST CDS apart from the rest. CDS allows customers to achieve more thanks to its modular concept: an approach that delivers the shortest possible cycle times and the most precise measurements to create the perfect conditions for success. Meet the future head-on with the leading provider of emissions and diagnostics technology. You will be amazed by the versatility of AVL DiTEST's emissions measuring solutions: developed for real professionals and real challenges.

MARKET LEADER THANKS TO CUTTING-EDGE TECHNOLOGY: EMISSIONS MEASURING SYSTEMS HONED TO PERFECTION.

In the field of exhaust gas measurement, we at AVL DiTEST believe that our devices should ease the workload in workshops and testing centres, reduce costs and comply with the latest standards. That is what sets them apart, and what makes them so efficient.

THE BENEFITS SPEAK FOR THEMSELVES:

- Highly efficient and user-friendly**
 clear, quick, self-explanatory
- Investment protection and returns – emissions testing device as a cash cow**
 Rapid measurement availability, quickest procedure times, maximum availability of equipment, no downtimes, low maintenance costs, can be upgraded with additional functions and applications thanks to the modular concept
- Only the best in all respects**
 Robust design, durable materials, solid construction – state-of-the-art technology inside
- Modern, future-proof technology**
 Equipped for future hardware and software requirements (e.g. legal requirements, revolutionary measurement technology, etc.)

PETROL EMISSIONS TESTING: AVL DITEST GAS 1000



4- and 5-gas measuring device. For measuring the following petrol emissions: HC, CO, CO₂, O₂ and Lambda. Optional extension for NOx.

PRODUCT BENEFITS:

- Highly accurate infrared measuring bench in line with OIML R99 class
- Can be used in the event of extreme condensation formation
- Optional NOx measurement
- Extremely low maintenance: calibration required once per year
- Sophisticated service concept
- MID approval



DIESEL EMISSIONS TESTING: AVL DISMOKE 480

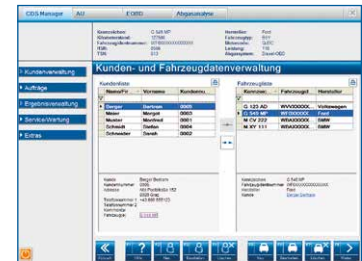
Opacimeter: module for measuring diesel emissions.

PRODUCT BENEFITS:

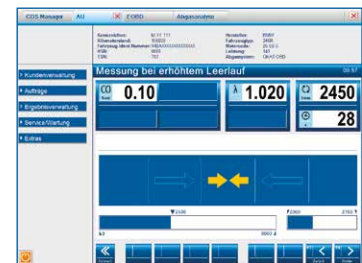
- Compact, light and low-maintenance opacity measuring chamber
- Wireless connection via Bluetooth
- Patented linearity test, automatic testing of operational readiness without filter test
- Just one sensor for all truck and car exhaust diameters
- Extremely short warming-up period, rapid response times

CLEAR, QUICK, AND SELF-EXPLANATORY.

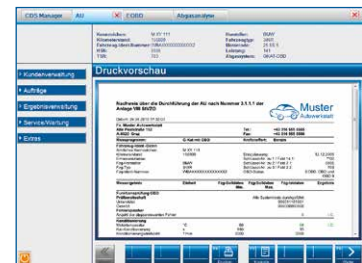
See for yourself how quick and easy emissions testing can be: you will be clearly and efficiently guided through the entire working process – from customer registration, through the performance of the task, and right up to the results report.



Customer and vehicle management included



Performing the emissions test – simple user guidance



Results report with company logo to encourage customer loyalty



Results displayed clearly

ENGINE SPEED AND OIL TEMPERATURE MEASUREMENT

Universal, integrated engine speed and oil temperature measurement for petrol and diesel engines, even for vehicles without an OBD interface. The AVL DiTEST CDS makes use of the tried-and-tested Speed 2000 technology here.



PRODUCT BENEFITS:

- Easily determine the right engine speed for diesel, petrol, 2-stroke, 4-stroke and 3- to 12-cylinder engines without adjusting the settings
- Best coverage rate
- Simple fitting thanks to integrated permanent magnets
- Automatic self-calibration and function monitoring
- Future-proof, as it is independent of all electrical engine signals
- Engine speed measurement for stationary and dynamic speed curves

EOBD COMMUNICATION AVL DiTEST OBD 1000/VCI 1000

By simply connecting the device to the standardised EOBD interface of the vehicle, the auxiliary variables required for emissions testing (e.g. engine speed and oil temperature) can be swiftly determined. This means oil temperature sensors and engine speed devices are no longer required for modern vehicles.

PRODUCT BENEFITS:

- Simple handling
- Major time savings
- Wireless connection via Bluetooth
- Warning buzzer to prevent loss



AVL DiTEST OBD 1000



AVL DiTEST VCI 1000

NETWORK CONNECTION:

A range of interfaces and possibilities for connection to other IT devices. AVL DiTEST is certified for use with many workshop- and country-specific networks and computer systems.

- Simple integration into company networks as a NW client
- Wi-Fi connection option
- Connection to test lanes via standard interfaces
- ASA network-certified
- GIEG LAN and GIEG NET certified



asanetwork



FURTHER EMISSIONS ANALYSIS

The AVL DiTEST CDS allows for analysis of emissions values above and beyond the legal emissions testing requirements, enabling continuous measurement of petrol and diesel, both simultaneously and combined. All values can be recorded, saved, logged and edited in a standard piece of software over a long-term period.



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