

**Compact, modern and effective:  
the versatile measurement system.**



## **AVL DITEST MDS SLIM MODULAR DIAGNOSTIC SYSTEM**

Ready for tomorrow's technology





**Respond more quickly  
to official requirements.**

## **RAPID EXHAUST GAS MEASUREMENTS FOR PETROL AND DIESEL MOTORS**

**S**limmer, but every bit as future-proof – presenting the MDS Slim. This modular system adapts to your specifications, not the other way round, allowing for easier, faster and more intuitive measurements. MDS Slim lets you replace and delete error codes, create more detailed diagnostics, and identify root causes faster and more accurately. Its huge range of features represent real added value. Look to the future and discover the industry leader in exhaust gas measurement and diagnostic technology. Experience for yourself the astonishing flexibility of AVL DiTEST exhaust gas equipment, designed with demanding applications and discerning professionals in mind.

## TOMORROW'S TECHNOLOGY AT YOUR FINGERTIPS TODAY. PERFECTION IN EXHAUST GAS MEASUREMENT SYSTEMS.

At AVL DiTEST, we have a golden rule when it comes exhaust gas measurement systems: whether it's used in garages or test centres, our equipment should make life easier and comply with all the latest regulations. Even before considering for money, these factors set AVL DiTEST apart.

### ADVANTAGES THAT SPEAK FOR THEMSELVES:

- Efficient to operate and use – clear, quick and intuitive
- Return on investment and increased profits – this pollution monitoring system is a real golden goose: The analyser is available at short notice, the procedure is lightning fast, and the equipment boasts excellent availability with no waiting times, barely any maintenance, and a modular system that allows it to be upgraded as technology develops
- Only the best will do: Structurally solid, made from durable materials and built to last – this is the best that technology has to offer
- The latest future-proof technology  
Designed with tomorrow's materials and software in mind, the system can adapt to new regulatory requirements or revolutionary measuring technology

### EXHAUST GAS MEASUREMENTS FOR PETROL MOTORS: THE AVL DiTEST GAS 2301



4-gas and 5-gas measurement device. For measuring petrol engine exhaust gas, including HC, CO, CO<sub>2</sub>, O<sub>2</sub> and lambda values, with the option to add NOx measurements

### KEY BENEFITS:

- Extremely accurate IR test bench, complying with class 0 of the OIML R 99 standard
- Can be used even in unusually high-condensation environments
- Option to add NOx measurements
- Minimal maintenance – it only needs to be re-calibrated once a year
- Sophisticated service model
- Meets MID requirements

### EXHAUST GAS MEASUREMENTS FOR DIESEL MOTORS: AVL DiSMOKE 480

Opacimeter. Exhaust gas measurement equipment for diesel motors



### KEY BENEFITS:

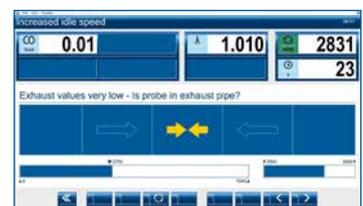
- Compact, light and low-maintenance measurement chamber
- Wireless Bluetooth operation
- A single measurement tube that works for any diameter of exhaust pipe, from cars to HGVs
- Very quick heating, allowing for rapid results

### CLEAR, QUICK AND INTUITIVE.

Discover for yourself just how quick and easy a pollution test can be. The system guides you precisely and efficiently through the whole process, from inputting the client, to the measurement itself, all the way through to the final report.



Integrated client and vehicle management



Easy to use for carrying out pollution tests



Branded results report to improve client loyalty



Clearly displayed results

## ENGINE SPEED AND OIL TEMPERATURE MEASUREMENTS:

Integrated universal measurement system for engine speed and oil temperature in petrol and diesel motors, and even vehicles with no OBD interface.

The AVL DiTEST AUX 2000 benefits from DiSpeed 492 technology.



### KEY BENEFITS:

- Makes it easier to select the correct engine speed for engines, whether they are petrol, diesel, 2-stroke, 4-stroke and anything from 3 to 12 cylinders, without needing to make specific tweaks
- Wider coverage
- Easy assembly with integrated permanent magnet
- Automatic recalibration and self-monitoring
- Works regardless of the electrical signal from the motor, making it future-proof
- Fixed and dynamic engine speed measurements

## EOBD-KOMMUNIKATION AVL DITEST VCI 1000/OBD 1000

The device connects directly to the vehicle's EOBD interface, allowing for much faster readings of pollution parameters, such as engine speed and oil temperature. For modern vehicles, this saves you from taking the oil temperature and using a device to measure the engine speed.

### KEY BENEFITS:

- Easy to use
- Significant time saving
- Bluetooth connectivity
- Audible alarm prevents waste
- Automatically reads the VIN



AVL DITEST VCI 1000

## LIGHTNING-FAST DIAGNOSTICS

No more trawling through mountains of errors. No more perplexing diagnostics software. No more digging around for the features you need.

### KEY BENEFITS:

- Automatically reads the VIN
- Suitable for monitoring safety components as a part of periodic vehicle inspections
- AVL DITEST AutoScan – a one-of-a-kind complete vehicle scan

### Publisher:

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## NETWORK CONNECTION:

Multiple interfaces and connection solutions with IT systems throughout the world. AVL DITEST is certified for a large number of specific networks and IT systems in a range of workshops and countries.

- Easy connection to company and client networks
- Wi-Fi connectivity available
- Connects to technical audit data through standard interfaces
- OTC LAN certified

## OTHER EXHAUST GAS ANALYSIS

As well as pollution monitoring required under law, AVL DITEST MDS Slim can analyse exhaust gas values, allowing for ongoing, simultaneous and combined measurements of diesel and petrol engines. All of the values can be recorded, saved and processed with no need for specialist software.

