

AutoTest Combined Cable-free Smoke Meter & Gas Analyser



GARAGE EQUIPMENT
since 1922



Part No.: TGD/AUTOTEST

See overleaf for more information

- DVSA approved for Class 4 & 7 MOT testing
- Suitable for Petrol, Diesel and LPG engines
- Complies with the OIML R99 (ISO 3930) Class 0 specification
- Battery powered smoke meter with wireless communication to PC
- EOBD can be used for RPM & oil temperature measurements
- Automatic in-use calibration on smoke meter
- 100% Euro 6 compatible with latest gas update
- Windows based PC operating system with A4 printer
- Large 22" flat screen monitor
- Robust mobile cabinet providing additional storage

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→ About the TGD/AUTOTEST

The Autotest combined smoke meter and gas analyser is approved with for use in MOT stations for class 4 and 7 vehicle testing.

The smoke meter is battery powered and utilises wireless technology to communicate with the PC. The user can therefore perform vehicle smoke tests without concern for trailing leads. Periodic charging with an AC supply between tests is recommended in order to maintain the “always-available for testing” status.

Pre-heating of the smoke chamber can be a little as 3 minutes in optimal ambient conditions. The equipment performs an automatic in-use calibration and zero adjustment calibration during the testing cycle.

The equipment is supplied as standard with a wireless EOBD device. This enables the software to obtain engine speed and oil temperature measurement readings directly from the vehicle, (via connection through the EOBD port) improving testing efficiency, particular on vehicles with engines where access is restricted.

The equipment is housed in a robust cabinet that provides additional storage for the A4 printer, probes and other accessories.

The equipment requires a 6 monthly certificated calibration (petrol) and 12 monthly certificated calibration (diesel) and this service can be performed by Tecalemit UKAS accredited engineers.

Standard accessories include:

- Battery-powered smoke meter
- Wireless EOBD RPM and oil temperature measurement device
- HT and battery RPM measurement leads
- Oil temperature probe

→ Part Nos. & Ordering Information

Combined Emission Tester.....TGD/AUTOTEST

→ Technical Specifications

Display.....22" TFT Screen
Printer.....A4
Keyboard.....QWERTY
Operating temperature.....5-40°C
Operating voltage.....240V
Power consumption.....25 watt
Warm-up time (temperature dependant).....3-6 mins
Leak test.....Electronic
Condensate discharge.....Automatic
OBD interface.....Wireless

→ Measurement Data

Parameter	Measurement range	Resolution
CO	0-15.5%	0.01%
CO ₂	0-21%	0.1% Vol
HC	0-20000 PPM Vol	1PPM
O ₂	0-25%	0.01
Lambda	0.200-2000	0.001
Engine speed	600-3500 RPM	10RPM
Oil temp	0-120°C	1°C

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