Diesel Smoke Meter

TECALEMIT
GARAGE EQUIPMENT
since 1922

DVSA MTS Approved

Part No.: TD/MDS/350
See overleaf for more information

CERTIFIED APPROVED EQUIPMENT

- ➡ Approved for all classes of MOT diesel smoke testing
- ➡ Patented Class 1 category diesel engine smoke tester
- ➡ Compact, lightweight & low maintenance measurement unit
- ➡ Patented linearity test, automatic operated check without filter test
- ➡ Large workstation cabinet
- ➡ Bluetooth communications as standard
- ➡ Colour Wi-Fi direct printer
- ➡ Options include NOx testing for diesel engines
- ➡ Rapid warm-up with daily calibration check
- ➡ Calibrated by UKAS accredited Tecalemit engineers

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➤ About the TD/MDS/350

The Tecalemit TD/MDS is a stand-alone Diesel Somke Meter which incorporates a bluetooth smoke head and a PC using a windows operating system, all housed in a stylish cabinet. The smoke meter is Bluetooth Class 1 approved with a range of up to 100 metres. It is mains powered, 240v AC, with a 24v DC transformer protected to IP65.

Being mains powered, the smoke meter is continuously maintained at operating temperature and does not require re-charge or replacement of expensive batteries, which over the long term can prove an expensive maintenance cost.

The TD/MDS is upgradable to measure NOx at an additional cost. The TD/MDS is also a natural addition to the Tecalemit ATL & MOT installation as the computer can also serve the brake tester in the test lane. This streamlines the equipment in your workshop.

➤ Measurement Data

	Measurement range	Resolution
Opacity	0-100%	0.1%
Absorption (K val)	0 - 99.99	0.01
Acceleration time	0-5 secs	0.005 secs

Oil temp..0-150°C
Operating temp...5-45°C
Storage temp..-20 - 60°C
Air humidity...Max 90% no condensing
Power requirements...230V
Bluetooth Class...1
Printer..A4 Inkjet
Printer communication...Wi-Fi direct

➤ Part Nos. & Ordering Information

Smoke Meter with large workstation cabinet, PC & Wi-Fi printer..TD/MDS/350

➤ Options & Accessories

Wireless EOBD device for RPM and oil temperature measurements....................................AVL/VM8088
Probe for vertical exhausts..OA/62334
Additional (2nd) flat screen monitor........................OA/60554
Bluetooth remote control...OA/60555
NOx version optional..AVL/BO7752

ARMED FORCES COVENANT · CHAS STANDARD · Constructionline Gold Member · GEA Garage Equipment Association Founder Member · LR CERTIFIED ISO 9001 · SafeContractor APPROVED