

# Diesel Smoke Meter TD DiSmoke 4800

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## Key Features

- Patented diesel smoke meter technology
- Bluetooth communication to hand control
- Compact Design – Wall mounted storage
- Instant engine RPM recognition
- Expandable into combined emission tester
- 3 Year manufacturers warranty



## **The TD 4800 Series Smoke Meter**

The TD DiSmoke 4800 Diesel Engine Smoke Meter is the 6th generation of diesel engine smoke meter from Tecalemit who have consistently remained at the forefront of exhaust emission testing in the UK.

The TD 4800 has been developed from our current TD 5430 model which is chosen by VOSA for use in all GVTS Stations.

The TD 4800 evolution incorporates the same patented smoke chamber and engine speed detection systems but is stored on a compact purpose design wall mounted storage unit, which acts as a docking station and incorporates a compact printer. Alternatively an optional trolley is available.

The data gathered in the smoke chamber is transmitted via Bluetooth® communication to the ruggedized portable handset where data is displayed on a large backlit LCD screen. Operation of the unit could not be simpler, following clear on screen prompts.

The Smoke Head is light (3.5kg) and compact with a single probe to cover all vehicles. For MOT Testing changes in engine speed are automatically recognised, no need to measure RPM.

No weekly calibration required - patented linearity test is performed automatically. The TD DiSmoke 4800 is suitable for all Classes of UK MOT testing and available for delivery from August 2008 onwards.

# TD DiSmoke 4800

## Measurement Data

	Measurement Range	Resolution
Opacity	0 - 100%	0.1%
Absorption (K Value)	0 - 9.999m4	0.001m4
Acceleration Time	0 - 5 Sec	0.005sec
Engine Speed	250 - 9,900RPM	
Oil Temperature	0 - 150 °C	1°



## Technical Specifications

Display	High Resolution LCD
Printer	Integral stylus printer
Keyboard	Internal function keys
Interface	PCMCIA, RS 232
Operating Temperature	5 - 45° C
Operating Voltage	230V AC
Power Consumption	90VA
Standard Approvals	OIML R99, ISO 3930, ECR R 24, IEC 801-1/2/3/4
Bluetooth Hand Control Range	Up to 25M

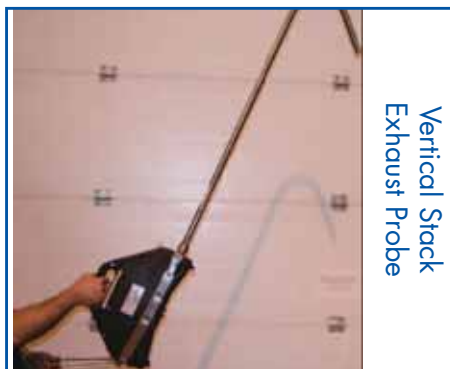


## Part No & Ordering Information

Diesel Engine Smoke Meter TD DiSmoke 4800

## Options & Accessories

Vertical Stack Exhaust Probe OA 60512  
 Mobile 'Trolley' Stand OA 60558



## Service

Tecalemit Service Engineers cover the whole of the UK. On site maintenance, testing, re-calibration & trouble-shooting can all be carried out with the minimum of fuss and downtime for customers. Please consult our Plymouth Service Centre for further information on 01752 219100.

## Warranty

All products carry a 12 month warranty, unless otherwise stated from the date of supply/installation, installation can be carried out by Tecalemit engineers. Exceptions to this being electrical cables and consumables.

## Contact Information

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