

# EMISSION MEASUREMENT TECHNOLOGY EMISSION TESTER

**MO CT**  
VP 135045



## MO CT VP 135045

The MAHA Opacimeter on CONNECT trolley is used for the measurement of diesel vehicles. The smoke opacity is tested and diagnosed in a time-saving and trouble-free manner in a partial flow procedure during free acceleration or under load of the engine. Rapid readiness for measurement and precise measurement results are the distinguishing features of the MAHA Opacimeter. Type-tested according to PTB requirements 18.09.

### PRODUCT DETAILS/ACCESSORIES

#### Description:

- Time-saving and trouble-free testing and diagnosis of smoke opacity/particle concentration w. partial flow method during free acceleration or under load of engine
- Short warm-up time
- Intuitive operation, clear emission test structure
- Low maintenance
- Bluetooth interfaces, USB connection optional

#### Scope of delivery:

- Opacimeter basic device in high-quality plastic casing
- Bluetooth interface
- Exhaust gas sampling probe 600 mm, 2000 mm probe hose
- AUX 2000, incl. magnetic sensor and oil temp. sensor 1000 mm
- Trolley
- PC, monitor, keyboard, mouse, printer

### TECHNICAL DATA

Measurement principle	absorbance measurement
Operating conditions:	
Temperature	5°C to 40°C
Power supply	110-230V 50/60 Hz
Dimensions (L x W x H)	395 x 136 x 285 mm
Weight .	approx. 3.5 kg
Maximum exhaust gas temperature	200°C
Measuring range, opacity	0-99.9%
Resolution, opacity	0.1%
Measuring range, absorption coefficient	0-9.99 m-1
Resolution, absorption coefficient	0.01 m-1

### ACCESSORIES

VZ 911385	Country module Diesel MO CT Germany
VZ 911401	Country module Diesel MO CT Slovakia
VZ 911445	Country module Diesel MO CT France
VZ 911417	Country module Diesel MO CT INTERNATIONAL
VZ 911432	Integration MES für MO MAHA Emission Software
VZ 980046	Exhaust Probe f. Cars & Trucks length 4000 mm
VZ 990507	Oil Temperature Sensor length 1600 mm
VZ 911449	MAHA OBD Tool 1000 (Bluetooth) wireless OBD module

VZ 911468	OBFCM data reading acc. to EU regulation 2021/392
VZ 990535	USB connection module for MO/MCT, 10 m cable with adapter

#### SUPPLEMENTARY CHARGES

VT 998187	Transport Werkverkehr -SÜDAbgasmessgerät M4GT, MO, MCT
VT 998188	Transport Werkverkehr -NORDAbgasmessgerät M4GT, MO, MCT