

# EMISSION MEASUREMENT TECHNOLOGY EMISSION TESTER

MO / MAHA  
OPAZIMETER  
VP 135043



## MO / MAHA OPAZIMETER VP 135043

The MAHA Opacimeter 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

### 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 911383	Country module Diesel MO Germany	VZ 980046	Exhaust Probe f. Cars (>&)> Trucks length 4000 mm
VZ 911391	Country module Diesel MO Netherlands	VZ 990507	Oil Temperature Sensor length 1600 mm
VZ 911399	Country module Diesel MO Slovakia	VZ 911449	MAHA OBD Tool 1000 (Bluetooth) wireless OBD module
VZ 911407	Country module Diesel MO Portugal	VZ 911468	OBFCM data reading acc. to EU regulation 2021/392
VZ 911423	Country module Diesel MO Austria	VZ 990535	USB connection module for MO/MCT, 10 m cable with adapter
VZ 911436	Country module Diesel MO Finland		
VZ 911443	Country module Diesel MO France		
VZ 911415	Country module Diesel MO INTERNATIONAL		

### SUPPLEMENTARY CHARGES

EMISSION  
MEASUREMENT  
TECHNOLOGY  
**EMISSION TESTER**

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VM 996062 On-Site Assembly of One Emission Measuring Chamber and Short Instructions

VT 998188 Internal transport -NORTHEmission tester M4GT, MO, MCT

VT 998187 Internal transport -SOUTHEmission tester M4GT, MO, MCT