

EMISSION MEASUREMENT TECHNOLOGY EMISSION TESTER

MO T
VP 135044



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The MAHA Opacimeter on 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

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 911384	Country module Diesel MO T Germany	VZ 980046	Exhaust Probe f. Cars & Trucks length 4000 mm
VZ 911392	Country module Diesel MO T Netherlands	VZ 990507	Oil Temperature Sensor length 1600 mm
VZ 911400	Country module Diesel MO T Slovakia	VZ 911449	MAHA OBD Tool 1000 (Bluetooth) wireless OBD module
VZ 911408	Country module Diesel MO T Portugal	VZ 911468	OBFCM data reading acc. to EU regulation 2021/392
VZ 911424	Country module Diesel MO T Austria	VZ 990535	USB connection module for MO/MCT, 10 m cable with adapter
VZ 911429	Country module Diesel MO T Switzerland		
VZ 911444	Country module Diesel MO T France		
VZ 911416	Country module Diesel MO T INTERNATIONAL		
VZ 911432	Integration MES für MO MAHA Emission Software		

SUPPLEMENTARY CHARGES

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VT 998187 Transport Werkverkehr -SÜDAbgasmessgerät
M4GT, MO, MCT

VT 998188 Transport Werkverkehr -NORDAbgasmessgerät
M4GT, MO, MCT