EMISSION MEASUREMENT TECHNOLOGY
EMISSION TESTER

MO CT
VP 135045

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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 980046	Exhaust Probe f. Cars (>&)> Trucks length 4000 mm
VZ 990507	Oil Temperature Sensor lenght 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

VM 996062	On-Site Assembly of One Emission Measuring Chamber and Short Instructions
VT 998187	Internal transport -SOUTHEmission tester M4GT, MO, MCT

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