

EMISSION MEASUREMENT TECHNOLOGY EMISSION TESTER

MCT M
VP 135227



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The combination tester with transport case is designed for the measurement of petrol- and diesel-powered vehicles. In addition, low weight, compact design and short warm-up time ensure easy handling. Perfectly equipped for mobile use.

PRODUCT DETAILS/ACCESSORIES

Description:

- Short warm-up time ensures rapid readiness for measurement
- precise analysis of gas components HC, CO, CO₂, O₂ with lambda value calculation
- 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
- Rapid emission test procedure
- Intuitive operation, clear emission test structure
- Maintenance-friendly thanks to easy accessibility
- Future-proof with cutting-edge technology

Scope of delivery:

- Gas analyser basic device in high-quality metal casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 6000 mm probe hose
- Opacimeter basic device in high-quality plastic casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 2000 mm probe hose
- Bluetooth interface, USB connection optional
- AUX 2000, incl. magnetic sensor and oil temp. sensor 1000 mm
- Condensate bottle 500 ml
- OBD-Tool
- Mobile, sturdy transport unit

TECHNICAL DATA GAS ANALYSER

Measurement principle:	
infrared spectrometry	HC, CO, CO ₂
Measurable gases	HC, CO, CO ₂ , O ₂
Electrochemical detection	O ₂
Operating conditions:	
Temperature	5°C to 40°C
Power supply	110-230V 50/60 Hz
Accuracy class	0 (OIML)
Dimensions (L x W x H)	344 x 252 x 85 mm
Weight	approx. 2.2 kg
Measurement range / measured value resolution (max.):	
CO	0-15 % Vol. / 0.01
CO ₂	0-20 % Vol. / 0.01
HC	0-9999 ppm / 0.1
O ₂	0-25 % Vol. / 0.01
Lambda (calculated)	0.5-9.99 / 0.01

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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
Power supply	110-230V 50/60 Hz
Dimensions (L x W x H)	535 x 320 x 240 mm
Weight .	approx. 15 kg

ACCESSORIES

VZ 911439	Country module Combi MCT M Germany
VZ 990507	Oil Temperature Sensor lenght 1600 mm
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