EMISSION MEASUREMENT TECHNOLOGY
EMISSION TESTER

MCT / MAHA COMBI TESTER
VP 135224

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The combination tester 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.

PRODUCT DETAILS/ACCESSORIES

Description:
- Short warm-up time ensures rapid readiness for measurement
- recise 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

TECHNICAL DATAGAS ANALYSER

Measurement principle:	
infrared spectrometry	HC, CO, CO2
Measurable gases	HC, CO, CO2, O2
Electrochemical detection	O2
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
CO2	0-20 % Vol. / 0.01
HC	0-9999 ppm / 0.1
O2	0-25 % Vol. / 0.01

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TECHNICAL DATAGAS ANALYSER

Lambda (calculated)	0.5-9.99 / 0.01
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 911386	Country module Combi MCT Germany
VZ 911393	Country module Combi MCT Netherlands
VZ 911402	Country module Combi MCT Slovakia
VZ 911409	Country module Combi MCT Portugal
VZ 911425	Country module Combi MCT Austria
VZ 911437	Country module Combi MCT Finland
VZ 911446	Country module Combi MCT France
VZ 911418	Country module Combi MCT 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 996063	On-Site Assembly of Combi Emission Tester and Short Instructions
VT 998187	Internal transport -SOUTHEmission tester M4GT, MO, MCT
VT 998188	Internal transport -NORTHEmission tester M4GT, MO, MCT