EMISSION MEASUREMENT TECHNOLOGY
EMISSION TESTER

MET 6.1
VP 135117

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The MET 6.1 exhaust gas analyser is designed for the measurement of petrol-, CNG- and LPG-powered vehicles as well as the precise analysis of the gas components HC, CO, CO2, O2 with lambda value calculation. The MET 6.1 stands out for its innovative condensate separation thanks to an active water separator. In addition, low weight, compact design and short warm-up time ensure easy handling.

PRODUCT DETAILS/ACCESSORIES

- Emission tester stands out due to limited weight and compact design
- Short warm-up time, quick measurement readiness
- Accurate analysis of gas components HC, CO, CO2, O2 with lambda value calculation
- Intuitive operation, clearstructure in emissions testing process as set out in current guidelines 5 enable minimum cycle times
- Varied and simple network connection options LAN / WLAN (optional)
- The MAHA VCI makes EOBD analysis easy
- Innovative method for separation of condensed water thanks to active water separator
- MID type approval
- Emission testing of CNG, LPG and petrol engines possible
- Options:
  - W-LAN interface

Scope of delivery:
- Basic device (gas analyser) in high-quality synthetic casing with integrated display unit and keypad
- Steel mesh emission probe, 600 mm, probe tubing 8 m
- LAN interface with LAN cable
- Power supply unit 110V - 230V, 50/60Hz
- Transparent drain hose for condensed water withcollecting tank
- Main filter, zero filter and condensate filter
- Electrochemical O2 sensor
- 2 replacement filters, 2 replacement seals
- Measurement software for continuous measurement without country-specific test procedure

TECHNICAL DATA

Measurement principle:	
infrared spectrometry	HC, CO, CO2
Measurable gases	HC, CO, CO2, O2
Electrochemical detection	O2
Flow rate	3.5 l/min
Operating conditions:	
Temperature	0°C to 45°C
Height	-100 m to +3000 m
Power supply	110-230V 50/60 Hz
On-board voltage connection	10-30 V, DC
Accuracy class	0 (OIML)
Dimensions (L x W x H)	406 x 225 x 160 mm
Weight	approx. 4.6 kg
Measurement range / measured value resolution (max.):	

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TECHNICAL DATA

CO	0-15 % Vol. / 0.01
CO2	0-20 % Vol. / 0.01
HC	0-9999 ppm / 0.1
O2	0-25 % Vol. / 0.01
Lambda (calculated)	0.5-9.99 / 0.01

ACCESSORIES

VZ 911353	PC/Test Lane Module for MET 6.1 for Germany
VZ 910208	Industrial PC Compact with Windows 11 -NET PRICE
VZ 910052	PC Keyboard and Mouse -NET PRICE
VZ 910200	PC Flat screen 24 VGA/DVI/HDMI, (TFT standard) -NET PRICE-
VZ 910091	A4 Ink jet colour printer (incl. printer cable) -NET PRICE-
VZ 910186	USB-WLAN adapte -NET PRICE-
VZ 910188	USB-Ethernet adapter -NET PRICE
VZ 910189	W-LAN Router for PC Unit -NET PRICE
VZ 990425	W-LAN Interface MET 6.x - PC
VZ 990446	RPM - Vibration RPM Sensor MODEL: MGT 300 EVO
VZ 990281	RPM Extension Cable (4 m) for Magnetic Sensor to be conn. to RPM VC 2/MGT 300 EVO
VZ 990284	RPM Extension Cable 4 m for Battery to be connected to RPM VC 2/MGT 300 EVO
VZ 990282	RPM Cable RPM VC 2/MGT 300 EVO Power Supply for Connection to 12/24 V On-Board Power Supply
VZ 990283	RPM-Power Supply of RPM VC 2/ MGT 300 EVO to be connected to 230 V/50 Hz
VZ 990439	RPM - Vibration RPM Sensor MODEL: AVL DITEST SPEED 2000
VZ 910138	RPM Power Supply for AVL DISPEED (for 230 V/ 50 Hz Connection)
VZ 990455	Y-Adapter for MET 6.x
VZ 911205	RPM Extension Cable (5 m) for Combi Sensor Connection to AVL DITEST SPEED 2000
VZ 911449	MAHA OBD Tool 1000 (Bluetooth) wireless OBD module
VZ 911464	OBFCM data reading acc. to EU regulation 2021/392
VZ 990395	Oil Temperature Sensor for Cars, length 100 - 1500 mm with 6 m cable
VZ 980039	Exhaust Probe MET 6.x for Full-Power Testing on a Chassis Dyno max. 750°C
VZ 980040	Exhaust Probe MET 6.x for Cars/Motorcycles
VP 975479	Equipment Trolley
VP 975667	Trolley for MET 6.x
VZ 911065	Software Target Data for AU I, AU II Emission Testing Proced. with OBD, via Download
VZ 975232	Pressure Controller with Hose and 'Mini-Can' Calibration Bottle
VZ 990396	Cable for Connection to 12/24 V Car Power Supply for MET 6.x
VZ 994019	Mobility Kit for MET 6.x MAHA
VZ 975533	Connecting Kit for Exhaust Inspection of Motorcycles via MGT 5, MET 6.1/6.3
VZ 975536	Connecting Kit f. Exhaust Suction System when performing exhaust inspection of motorcy.
VZ 990454	Telescopic rod for MET

SUPPLEMENTARY CHARGES

VM 995768	Calibration acc. to DIN 17025 Vkbl. 11/2018 for MET 6.1 -NET PRICE-
VM 995778	Calibration acc. to MID for MET 6.1 -NET PRICE
VM 996062	On-Site Assembly of One Emission Measuring Chamber and Short Instructions
VT 998161	Internal transport -SOUTHEmission tester MET, MGT, MDO
VT 998162	Internal transport -NORTHEmission tester MET, MGT, MDO
VT 998163	Internal transport -SOUTHEmission tester trolley
VT 998164	Internal transport -NORTHEmission tester trolley