

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, clear structure 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 mm
- LAN interface with LAN cable
- Power supply unit 110V - 230V, 50/60Hz
- Transparent drain hose for condensed water with collecting tank
- Main filter, zero filter and condensate filter
- Electrochemical O₂ sensor
- Trigger tongs for MET 6.1 and 6.3 for inductive RPM measurement at ignition cables
- 2 replacement filters, 2 replacement seals
- Measurement software for continuous measurement without country-specific test procedure

TECHNICAL DATA

Measurement principle:	
infrared spectrometry	HC, CO, CO ₂
Measurable gases	HC, CO, CO ₂ , O ₂
Electrochemical detection	O ₂
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

Display via PC Screen

VZ 910177 Industrial PC Compact with Windows 10 -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

RECORDING OF RPM AND OIL TEMPERATURE

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 911352 MAHA OBD Tool (Bluetooth) wireless OBD module for MET 6.x, MGT 5, MDO 2 LON

VZ 911464

VZ 990395 Oil Temperature Sensor for Cars, length 100 - 1500 mm with 6 m cable

VZ 990494 IR Oil Temperature Gauge with Digital Display Model: IR-M+

EXHAUST PROBES

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

EQUIPMENT TROLLEYS

VP 975479 Equipment Trolley

VP 975667 Trolley for MET 6.x

ADDITIONAL ACCESSORIES

VZ 911065 CD ROM with Software Target Data for AU I, AU II Emission Testing Proced. with OBD -NET-

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 Vtbl. 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 998066 Transportkosten Abgasmesszelle

VT 998067 Transportkosten separate PC-Einheit für Abgasmesszelle Diagnosesystem

VT 998036 Transport charges MGT 5

VT 998069 Transportkosten für Fahrwagen