

MET 6.1

EMISSION MEASUREMENT TECHNOLOGY



MET-SERIES

VP 135117

Emission Tester for Petrol

DESCRIPTION:

- ◆ 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 interface₂, O₂ with lambda value calculation

STANDARD 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 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:

Measurable gases	HC, CO, CO ₂ , O ₂
Measuring principle Infrared spectrometry	HC, CO, CO ₂
Measuring principle Electrochemical detection	O ₂
Flow	3,5 l/min
Accuracy class	O (OIML)
On-board voltage	10 V / 30 V
Power supply	1/N/PE 110 V/230 V 50 Hz/60 Hz
Ambient temperature	0 °C - 45 °C
Operating height	-100 m - 3000 m
Dimensions total (L x W x H)	406 mm x 225 mm x 160 mm
Weight	4,6 kg
CO - Measurement range / Measured value resolution (max.)	0 - 15 % Vol. / 0,01
CO ₂ - Measurement range / Measured value resolution (max.)	0 - 20 % Vol. / 0,01
HC - Measurement range / Measured value resolution (max.)	0 - 9999 ppm / 0,1
O ₂ - Measurement range / Measured value resolution (max.)	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 910176	Industrial PC All-in-One
VZ 910177	Industrial PC Compact
VZ 910052	PC-Keyboard and Mouse
VZ 910165	PC Flat Screen 22 inch (TFT Standard)
VZ 910091	DIN A4 Ink Jet Colour Printer
VZ 910186	USB-WLAN Adapter
VZ 910188	USB-Ethernet adapter
VZ 910189	W-LAN Router for PC Unit
VZ 990425	W-LAN Interface MET 6.x - PC
VZ 990446	MGT 300 EVO
VZ 990281	RPM extension cable (4 m) for magnetic sensor
VZ 990284	RPM extension cable (4 m) for battery
VZ 990282	RPM cable for Power Supply
VZ 990283	RPM-Power Supply
VZ 990439	AVL DITEST SPEED 2000
VZ 910138	RPM Power Supply for AVL DISPEED
VZ 990455	Y-Adapter for MET 6.x
VZ 911205	RPM extension cable (5 m) for combi sensor
VZ 911361	MAHA VCI (W-LAN) wireless OBD module
VZ 990395	Oil temperature sensor for cars
VZ 990447	IR Oil Temperature Gauge
VZ 980039	Exhaust probe f. full-power testing max. 750°C
VZ 980040	Exhaust probe f. cars/motorcycles
VZ 975210	Equipment Trolley for MGT 5
VP 975479	Trolley for single or combi tester
VP 975667	Trolley for MET 6.x
VZ 911065	Software target data for AU I, AU II with OBD
VZ 911291	MAHA emission viewer software
VZ 975232	Pressure controller with mini-can calibr. bottle
VZ 990396	Cable 12/24 V for MET 6.x
VZ 994019	Mobility Kit MET 6.x MAHA
VZ 975533	Connecting Kit of Motorcycles via MGT
VZ 975536	Connecting Kit for Exhaust Suction System
VZ 990454	Telescopic rod for MET