



TRÜBUNGSMESSGERÄT

VP 135024

Emission Tester for diesel engines (opacimeter)

DESCRIPTION:

- ◆ Official German PTB-approval 18.09
- ◆ Complies with ECE R24, ISO 3173 and ISO/TC22/SC 5 N 650 provisions and guidelines.
- ◆ Time-saving trouble-free testing and diagnosis of emission turbidity using partial current procedure with free acceleration or with engine under load
- ◆ Single testing or continuous testing
- ◆ Integrated test chamber temperature sensor
- ◆ High-powered test chamber heating
- ◆ Oil temperature & RPM recording
- ◆ 2 serial RS 232 connections for
 - hand terminal or PC
 - external testing equipment (LPS 2000)
- ◆ Display of test values via PC/laptop monitor (option)
- ◆ Exhaust-emitting parts made of high-quality stainless steel
- ◆ Sealed with heat-resistant synthetic material

STANDARD DELIVERY:

- ◆ Stainless steel construction with protective plastic casing
- ◆ Turbidity test cell with optical measurement
- ◆ 230 V power supply
- ◆ RS 232 connection
- ◆ Emission probe for cars with hose (length 1.5 m), max. 300 degrees C
- ◆ 17 m connection cable for test lane connection
- ◆ Software Terminal-/Basic Program (Profi-/Eurosystem for cars)
- ◆ Manual data entry
- ◆ Automatic data transmission of external equipment
- ◆ Terminal networking with PC-network
- ◆ Connection to asanetwork possible
- ◆ Packing incl.

TECHNICAL DATA:

Measurement principle	absorption photometry
Wave length of the spotlight	567 nm
Measurement chamber length	430 mm
External/Internal diameter of test chamber	28 mm / 25 mm
Warm-up time of the measurement chamber approx.	180 s
On-board voltage	12 V / 24 V
Power consumption average/max.	0,11 kW / 0,13 kW
Power supply	1/N/PE 230 V 50 Hz
Dimensions total (L x W x H)	230 mm x 550 mm x 245 mm
Weight	13 kg

ACCESSORIES:

VZ 911357	PC/Test Lane Module Germany for MDO2-LON
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 910167	USB/RS 232 Converter for Connection to 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 911205	RPM extension cable (5 m) for combi sensor
VZ 910139	RPM DigiAnzeige AVL DITEST SPEED 2000
VZ 990221	RPM Light Signal Sensor w. reflective spots
VZ 990227	MDO2-LON TDC-Sensor Cable
VZ 990113	MB-Revolution Converter
VZ 990231	MB-Universal Connector
VZ 990114	MB Connector for Impulse Counter
VZ 990124	MB-Adapter cable for commercial vehicles
VZ 990134	MB-Adapter cable for BR400 EDC
VZ 990290	MB RPM-Determination
VZ 990255	RPM Smart CDI Box
VZ 990230	Diagnostic Cable IVECO (MDO2-LON)
VZ 990289	Diagnostic socket adapter cable f. IVECO
VZ 911361	MAHA VCI (W-LAN) wireless OBD module
VZ 990225	Oil temperature sensor for cars
VZ 990226	Oil temperature sensor for cars and trucks
VZ 990447	IR Oil Temperature Gauge
VZ 980012	Additional Charge for Exhaust Probe 600 °C
VZ 980027	Diesel Emission Probe for Cars, max. 650 °C
VZ 980025	Emission probe f. Northern Ireland & Costa Rica
VZ 980022	Emission probe for trucks 300 °C MDO2-LON

VZ 980028	Emission probe f. Poland f. trucks 300 °C
VZ 980023	Emission probe f. full power testing 600 °C
VZ 990262	Holder for Truck Emission Probe (Vertical Stacks)
VZ 945001	Bag for Storing and Carrying Exhaust Probes
VZ 975089	Trolley with rubber wheels
VP 975479	Trolley for single or combi tester
VZ 990220	Hand Terminal for MDO2-LON
VZ 911065	Software target data for AU I, AU II with OBD
VZ 990048	Cable for on-board power supply 12/24 V
VZ 990098	Cable (5 m) for Connection 12/24 V
VZ 990247	Mains cable for MDO2-LON, 18 m
VZ 994017	Rugged case with foam insert
VZ 994004	Sturdy Carrying Case
VZ 994010	Aluminium carrying case f. one emissions tester
VZ 994012	Trolley for Carrying Case
VZ 990125	Gauge Cable Diameters
VZ 970001	Calibr. filter approx. 50% (grey disk with frame)
VZ 990357	Special calibration filter ca. 25% for maintenance
VZ 990107	Calibr. filter for repair ca. 50%
VZ 990358	Special calibration filter ca. 70% for maintenance
VZ 990288	Special calibration filter, EC 72/306