

BRAKE TESTING TECHNOLOGY DECELEROMETER

VZM 300
VP 185016



VZM 300 VP 185016

The decelerometer VZM 300 complies with German PTB type approval certification. The VZM 300 includes a printer element, keyboard and digital display.

PRODUCT DETAILS/ACCESSORIES

Specifications:

- Type-approval certificated under German law (PTB)
- Printer casing with keyboard and digital display
- Fast matrix printer with graphics print-out
- Piezo-electrical deceleration sensor
- Control and measuring electronics
- Electrical adjustment of equipment by means of a digital display

- Gyroscopic sensor for automatic compensation of testing error caused by the pitching action of the vehicle
- Connector for pedal force meter and pressure and traction converter
- RS 232 interface to PC with data transmission to standard spreadsheet analysis software (up to Windows 7 compatible)
- Accu-recharger
- Spare roll of paper approx. 15 m
- Sturdy plastic carrying case

TECHNICAL DATA

Measuring range: Deceleration	0 - 20 m/s ²
Pedal force	0 - 1 kN
Tractive force	0 - 20 kN
Pressure	0 - 20 bar
Accuracy:	1% from final result
Power connection: Built-in accu	6 V/1.8 Ah
Dashboard connection	24/12 V DC
Power supply	230 V/15 V AC
Weight with accu	1.1 kg
Dimensions (W x H x D)	124 x 55 x 245 mm

ACCESSORIES

VZ 911255	Interface RS 232 including PC-data transmission protocol software Windows
VZ 910140	USB/RS 232 Converter for Connection to PC/ Laptop w/o. RS 232 Interface -NET-
VZ 910037	Pedal force meter for VZM
VZ 990252	Hand Lever Adapter for Pedal Force Meter to measure Hand Lever Force of Brake Systems
VZ 910101	Tractive Force Sensor with Shackle (for VZM 300 only)
VZ 980021	Pneumatic Pressure Converter 0 - 20 bar with 10 m cable (only for VZM 300)

VZ 985027	Hydraulic Pressure Converter (meas. range 300 bar) incl. 10 m cable (only for VZM 300)
VZ 990019	Connection Cable for Direct Power Supply with 12 V Plug (Dashboard Cigarette Lighter)
VZ 990022	Manual Hand-Trigger with Cable to operate VZM (standard equipment f. VZM 50)
VZ 990192	Junction Box to enable simult. testing of pedal force tractive force

SUPPLEMENTARY CHARGES

VV 997029	Verpackung VZM
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VM 995756 VZM factory calibration, incl. factory calibr.

certificate