

# MSD 3000 EURO

## SUSPENSION TESTING TECHNOLOGY



## MSD-SERIES

VP 215033

Axle Damping Tester

### DESCRIPTION:

- ◆ Quick and accurate physical axle damping testing
- ◆ Evaluation based on Lehr's damping ratio
- ◆ Automatic measurement of axle and vehicle weight with transfer of weight to brake tester (optional)
- ◆ Fully-automatic test sequence launched once plate load of is more than 60 kg on both sides
- ◆ Frequency-controlled plate excitation by electric motors to determine the maximum vibration amplitude, with subsequent evaluation of axle damping
- ◆ Noise search function for pinpointing interference noises in the vehicle directly on the test stand (optional)
- ◆ Floor unit as self-supporting framework
- ◆ Parallelogram-guided test plates and therefore no fixed wheel testing point necessary
- ◆ In conjunction with EUROSYSYSTEM:  
display on PC screen with evaluation by Lehr's damping ratio "D" with deviation display and graphic representation
- ◆ In conjunction with LON brake testers:  
representation on LON analogue displays with evaluation by Lehr's damping ratio "D"
- ◆ Hot-dip galvanized

### STANDARD DELIVERY:

- ◆ TPS 3000 EURO Floor Unit Axle Damping Tester
- ◆ Pre-configured for connection to EUROSYSYSTEM or LON test line
- ◆ Pre-configured for stand-alone use (requires MCD 2000 communication desk with electronics)

## TECHNICAL DATA:

Axle load, testable	2200 kg
Axle load, traversable	2500 kg
Track width	880 mm - 2200 mm
Vibration amplitude	6,5 mm
Vibration frequency (controlled)	2 Hz - 10 Hz
Maximum plate stroke approx.	70 mm
Measurement range Damping Factor "D"	0,02 - 0,3
Motor power	2 x 1,1 kW
Fuse gG	16 A
Power supply	1/N/PE 230 V 50 Hz/60 Hz
Dimensions floor assembly (H x W x L)	280 mm x 2320 mm x 800 mm
Weight	650 kg

## ACCESSORIES:

VZ 975082	Reinforced version max. 13000 kg axle load
VZ 930022	Divided version for pit installation
VZ 930096	Version MSD 3000 Plus
VZ 990385	Noise detection module MSD 3000
VZ 935069	Angle iron frame if tester is suspended in ceiling
VZ 975633	Calibration-Device MSD 3000
VP 186051	MCD 2000 (with electronics)
VM 997421	Pre-Assembly FWT/SA 2/MSD 3000 Euro
VM 997444	Connection and Calibration FWT/SA 2/ MSD 3000
VW 997436	Packing MSD 3000 -Europe-
VW 997437	Packing MSD 3000 overseas