

# MBT 2250 EUROSYSYSTEM

## BRAKE TESTING TECHNOLOGY



## MBT-SERIES

VP 210111

Roller-Brake-Tester up to 3500 kg axle load

### DESCRIPTION:

Test lane-enabled roller brake tester for cars and vans with an axle load of up to 3500 kg

- ◆ Especially suitable for acceptance and diagnostic lanes
- ◆ Basic module for setting up a test lane thanks to optional possibility of connecting additional EURO floor units
- ◆ Test lane-enabled thanks to possibility of connecting MSD 3000 / MINC / TPS EURO floor units
- ◆ For cars and vans weighing up to 3500 kg and with a track width of 2200 mm, plus those weighing up to 5000 kg and with a track width of 2800 mm as an option
- ◆ When used with the optional lifting device, perfectly suitable for checking multi-axle car trailers.
- ◆ Comprehensive package of functions for professional testing, such as:
  - Delayed automatic switch-on after entering the tester
  - Automatic start-up monitoring supplied as standard to avoid tyre damage
  - Automatic slip cut-off with pointer stop and automatic restart already included as standard
  - Automatic exiting aid supplied as standard to enable the driven axles to conveniently exit the tester
  - Automatic cut-off after exiting the tester
  - Single-wheel switching for differentiated consideration of each wheel
- ◆ Intuitive-to-use EUROSYSYSTEM software for the highest expert standards with:
  - Round instrument display for the braking forces Additional displays for difference, decelerations, and optional scale and force sensors.
  - Integrated user guidance with easy-to-understand user instructions

- Continuous and graphic real-time display of all the measured values using the reference values time and force.
- EUROSYSYSTEM supplied as standard with integrated SQL Server Express database
- Multi-user capability option for productive allocation of the individual work packages to several workstations.
- Easy to connect additional devices such as MLT 3000 to EUROSYSYSTEM
- Configurable test report with all the measurement and evaluation results of the tests performed on a single print-out
- ◆ Robust and long-lasting design due to:
  - Electronic, temperature-compensated strain gauge system for highly precise measurement results under all environmental conditions
  - Roller surface welded
  - Optional, free plastic coating on the test rollers
  - 32-bit microprocessor electronics for process control and monitoring of all the safety functions
  - Lockable main switch
  - RS 232 interface connection
  - Splash-proof motors work reliably, even under high-stress environmental influences
  - Weighted test rollers with groove ball bearings ensure maximum precision and complete driving comfort and guarantee a long service life for the entire tester
  - Internationally recognised TÜV certificate as per issue 9/2011 of the Verkehrsblatt [German Transport Gazette]
  - RS 2 roller set design
  - Self-supporting closed roller set
  - Hot-dip galvanized design

## DESCRIPTION:

MCD 2000 communication desk:

- ◆ Robust and multifunctional metal casing
- ◆ Integrated switch cabinet for housing electronic components
- ◆ Lockable drawer for keypad and PC mouse, plus storage compartment for small items of equipment
- ◆ VESA standard bracket for holding the all-in-one PC or PC monitor
- ◆ Can be extended with optional PC storage compartment or side shelves
- ◆ Varnished with high-quality powder coating:
  - window grey, RAL 7040 (switch cabinet)
  - anthracite grey, RAL 7016 (side faces)
- ◆ Dimensions of communication desk (H x W x D)  
approx. 1230 x 860 x 350 mm  
with printer compartment option (H x W x D)  
approx. 1560 x 860 x 420 mm

## STANDARD DELIVERY:

- ◆ MCD 2000 communication desk with integrated switch cabinet
- ◆ MBT 2000 RS 2 roller set with preparation for weighing equipment

## TECHNICAL DATA:

Axle load (can be driven over)	3500 kg
Track width	780 mm - 2200 mm
Test speed	5 km/h
Measurement value display	0 N - 8000 N
Roller diameter	202 mm
Roller axle distance	400 mm
Motor power	2 x 3 kW
Fuse gG	25 A
Power supply	3/N/PE 400 V 50 Hz
Dimensions roller set (L x W x H)	2320 mm x 680 mm x 280 mm

## ACCESSORIES:

VZ 955278	Add-on Kit Directive 2011 Roller Brake Testers	VZ 910052	PC-Keyboard and Mouse
VZ 935110	Plastic-Coated Roller Surface	VZ 910165	PC Flat Screen 22 inch (TFT Standard)
VZ 930067	Reinforced roller set for Axle load 4 t	VZ 910192	Simultaneous Display Unit 40"
VZ 930068	Roller Set up to 5 t Axle Load	VZ 955244	Rotatable & Folding Wall Holder for TFT
VZ 935182	Roller set cover 4 t drive over Removable	VZ 910193	HDMI Cable 5 m
VZ 935068	Roller Heating	VZ 910179	HDMI Cable 15 m
VZ 930040	Divided Roller Set for Installation in Pit	VZ 910180	HDMI Cable
VZ 930041	Autom. pneum. lifting device w. light barrier	VZ 910181	HDMI-Splitter 4-Port
VZ 935243	Roller Set Elevation MBT 2000/5	VZ 910091	DIN A4 Ink Jet Colour Printer
VZ 910190	Control Unit for Roller Set Raiser MBT 2000	VZ 955295	FTS 2018
VZ 935069	Angle iron frame if tester is suspended in ceiling	VZ 955296	Docking Station for FTS 2018
VZ 975895	Set of Drive-On Ramps	VZ 955237	AP transm./receiver unit (indoor access point)
VZ 975896	Set of Drive-Over Ramps	VZ 955287	Automatic license plate Recognition
VZ 975073	Roller set covers for motorcycle brake testing	VZ 955291	Distance Sensor for Licence Plate Recognition
VZ 910174	Cable Remote Control for Motorcycle Testing	VZ 955289	Full-HD Outdoor Network IP Camera
VZ 935233	Aluminium Footrests for Motorcycle Testing	VZ 955045	Emergency Switch
VZ 975557	Stat./Dynamic Load Scales for undivided Roller Sets	VZ 955088	Key Switch for Emergency Stop
VZ 975559	Stat./Dynamic Load Scales for divided Roller Sets	VZ 955014	Working hour meter
VZ 935132	Driving and Testing Directions manually selectable	VM 995147	Routine Test/Calibration Car
VZ 935228	Rot./meas. direct. via softw. mod. drive control	VM 995679	Montage Analog-, Digital-, Simultananzeige
VZ 911294	Sequencer Drive Control Pro	VM 996198	Pre-installation Roller Set Elevation for Cars
VZ 911295	Soft-Start Module, for gentle starting	VM 996117	Pre-installation Brake Tester MBT 2000/3000
VZ 990355	Regulator set for 4WD, Visco and Rigid	VM 996118	Connection and Calibration MBT 2000/3000
VZ 935114	DC Brake for MBT 2000/3000 Roller Sets	VM 999005	Hydraulic Oil (HLP-D 32) per litre
VZ 935066	Star-Delta Starter	VW 997557	Packing Brake Tester MBT 2000 Europe
VZ 990352	Special voltage 3 x 230V 50/60Hz	VW 997558	Packing Brake Tester MBT 2000 Overseas
VZ 950055	Simultaneous Display MSA C CLASSIC	VW 997472	Packing PC-Desk -Europe-
VZ 950056	Simultaneous Display MSA C VARIODATA	VW 997473	Packing PC-Desk -overseas-
VZ 955252	Differential display for Simultaneous Display MSA	VM 996053	Cable harness ext. f. MBT 2000/3000 Series, 5 m
VZ 955253	Display module VARIODATA	VM 996054	Cable Harness Ext. f. MBT 2000/3000 Series, 10m
VZ 955254	LED-running letters (16 digits)		
VZ 955269	Instal. kit to att. simultaneous display MSA to wall		
VZ 955255	Wall holder for SimultaneousDisplay MSA		
VZ 955270	Foot for Simultaneous Display MSA		
VZ 955271	Support f. simultaneous display MSA CLASSIC		
VZ 910047	Infrared Remote Control IFB3		
VZ 990050	Pedalforce Meter		
VP 990434	Pedalforce Meter PFM 1000		
VZ 955080	Thermo-controlled heater f. electro-cabinet		
VZ 912030	Connection Module for Equipment		
VZ 911045	Softw. for comm. softw. netw. w. asanetwork		
VZ 911275	Software EUROSYSYSTEM		
VZ 911276	Soft. mod EUROSYSYSTEM Multiuser capable		
VP 186050	MCD 2000 (without electronics)		
VZ 955273	Printer Shelf for MCD 2000		
VZ 955274	Side Shelf for MCD 2000		
VZ 955277	External PC Storage Shelf for MCD 2000		
VZ 910176	Industrial PC All-in-One		
VZ 910177	Industrial PC Compact		
VZ 955275	PC-Holder for placement inside MCD 2000		