



MBT-SERIES

VP 410125

Roller-Brake-Tester up to 8000 kg axle load

DESCRIPTION:

Test lane-enabled roller brake tester for cars and particularly vans and light lorries with an axle load of up to 8000 kg

- Thanks to 8 t axle load and 2800 mm track width, particularly suitable for vans and light lorries
- As a test speed of 5 km/h is supplied as standard, both cars and light lorries can be tested in compliance with legislation.
- Visualisation of measured values, difference and graphics on monitor display
- Test lane-enabled thanks to possibility of connecting MSD 3000 / MINC / TPS EURO floor units
- 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 EUROSISTEM 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.

- EUROSISTEM 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 EUROSISTEM
- 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)
 - Star-delta circuit to avoid high inrush currents
 - Self-supporting closed roller set
 - Hot-dip galvanized design

MCD 2000 communication desk:

- Robust and multifunctional metal casing
- Integrated switch cabinet for housing electronic components

DESCRIPTION:

- ◆ 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 3000 roller set with preparation for weighing equipment

TECHNICAL DATA:

Axle load (can be driven over)	8000 kg
Track width	870 mm - 2800 mm
Test speed	5 km/h
Measurement value display	0 N - 10000 N
Roller diameter	202 mm
Roller axle distance	400 mm
Motor power	2 x 5,5 kW
Fuse gG	35 A
Power supply	3/N/PE 400 V 50 Hz
Dimensions roller set (L x W x H)	2925 mm x 680 mm x 280 mm

ACCESSORIES:

VZ 955278	Add-on Kit Directive 2011 Roller Brake Testers	VZ 910165	PC Flat Screen 22 inch (TFT Standard)
VZ 930040	Divided Roller Set for Installation in Pit	VZ 910192	Simultaneous Display Unit 40"
VZ 975546	Static/dynamic weighing sys. f. roller set MBT 3000	VZ 955244	Rotatable & Folding Wall Holder for TFT
VZ 935068	Roller Heating	VZ 910193	HDMI Cable 5 m
VZ 935174	Roller cover for MBT 3000 Series	VZ 910179	HDMI Cable 15 m
VZ 930041	Autom. pneum. lifting device w. light barrier	VZ 910180	HDMI Cable
VP 930057	Metal pit casing for floor unit MBT 2000 RS 5	VZ 910181	HDMI-Splitter 4-Port
VZ 935110	Plastic-Coated Roller Surface	VZ 910091	DIN A4 Ink Jet Colour Printer
VZ 935132	Driving and Testing Directions manually selectable	VZ 955295	FTS 2018
VZ 935133	Driving a. test. direct. of single wheel selectable	VZ 955296	Docking Station for FTS 2018
VZ 990355	Regulator set for 4WD, Visco and Rigid	VZ 955237	AP transm./receiver unit (indoor access point)
VZ 935114	DC Brake for MBT 2000/3000 Roller Sets	VZ 955287	Automatic license plate Recognition
VZ 990352	Special voltage 3 x 230V 50/60Hz	VZ 955291	Distance Sensor for Licence Plate Recognition
VZ 950055	Simultaneous Display MSA C CLASSIC	VZ 955289	Full-HD Outdoor Network IP Camera
VZ 950056	Simultaneous Display MSA C VARIODATA	VM 995148	Routine Test/Calibration Truck
VZ 955252	Differential display for Simultaneous Display MSA	VM 995679	Montage Analog-, Digital-, Simultananzeige
VZ 955253	Display module VARIODATA	VM 996117	Pre-installation Brake Tester MBT 2000/3000
VZ 955254	LED-running letters (16 digits)	VM 996118	Connection and Calibration MBT 2000/3000
VZ 955269	Instal. kit to att. simultaneous display MSA to wall	VW 997557	Packing Brake Tester MBT 2000 Europe
VZ 955255	Wall holder for Simultaneous Display MSA	VW 997558	Packing Brake Tester MBT 2000 Overseas
VZ 955270	Foot for Simultaneous Display MSA	VW 997472	Packing PC-Desk -Europe-
VZ 955271	Support f. simultaneous display MSA CLASSIC	VW 997473	Packing PC-Desk -overseas-
VZ 910047	Infrared Remote Control IFB3	VW 997262	Packing simultaneous display -Europe-
VZ 990050	Pedalforce Meter	VW 997263	Packing simultaneous display -overseas-
VP 990434	Pedalforce Meter PFM 1000	VZ 997411	Extra charge f. connection of weighing system
VZ 955088	Key Switch for Emergency Stop	VM 996053	Cable harness ext. f. MBT 2000/3000 Series, 5 m
VZ 955045	Emergency Switch	VM 996054	Cable Harness Ext. f. MBT 2000/3000 Series, 10m
VZ 955014	Working hour meter		
VZ 955080	Thermo-controlled heater f. electro-cabinet		
VZ 980034	Pneumatic pressure converter		
VZ 980035	Start set radio controlled pressure converter		
VZ 910154	Radio remote contr. FFB3		
VZ 910156	Radio remote control/hand-held FFB3-FHT		
VZ 980029	Pneumatic radio-controlled pressure converter		
VZ 985028	Hydraulic radio-controlled pressure converter		
VZ 955071	Flashing Light with Periodical Signal Horn		
VZ 990090	Warning Lamp for Radio-Control		
VZ 912030	Connection Module for Equipment		
VZ 911045	Softw. for comm. softw. netw. w. asanetwork		
VZ 911079	Software Package Brake Analysis		
VZ 911275	Software EUROSISTEM		
VZ 911276	Soft. mod EUROSISTEM 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		
VZ 910052	PC-Keyboard and Mouse		

