

MBT 3200 LON

BRAKE TESTING TECHNOLOGY



MBT-SERIES

VP 410127

Roller-Brake-Tester up to 8000 kg axle load

DESCRIPTION:

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

- Thanks to 8000 kg 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.
- Multi-analogue display with two pointer indicators (Diameter: 2 x 350 mm) and an integrated switch and electrical cabinet
Display option for:
 - Brake tester
 - Wheel arch tester
 - Shock absorption tester
- Difference display (three-digit + LED bar) for evaluating:
 - Difference in braking force
 - Difference in shock absorption
 - Deviation in wheel arch
- Program control using 32-bit microprocessor electronics enables the finest resolution for the measurement results
- Dimensions of display (H x W x D) 910 x 870 x 300 mm
- 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

- ♦ 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

STANDARD DELIVERY:

- ♦ Analogue display with two pointer indicators and an 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 - 16000 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 930040	Divided Roller Set for Installation in Pit
VZ 975546	Static/dynamic weighing sys. f. roller set MBT 3000
VZ 935068	Roller Heating
VZ 935174	Roller cover for MBT 3000 Series
VZ 930041	Autom. pneum. lifting device w. light barrier
VP 930057	Metal pit casing for floor unit MBT 2000 RS 5
VZ 935110	Plastic-Coated Roller Surface
VZ 935132	Driving and Testing Directions manually selectable
VZ 935133	Driving a. test. direct. of single wheel selectable
VZ 990355	Regulator set for 4WD, Visco and Rigid
VZ 935114	DC Brake for MBT 2000/3000 Roller Sets
VZ 990352	Special voltage 3 x 230V 50/60Hz
VZ 955257	Foot for display cabinet 2 or 4
VZ 955256	Wall holder for Multi-analog display 2 or 4
VZ 950055	Simultaneous Display MSA C CLASSIC
VZ 950056	Simultaneous Display MSA C VARIODATA
VZ 955252	Differential display for Simultaneous Display MSA
VZ 955253	Display module VARIODATA
VZ 955254	LED-running letters (16 digits)
VZ 955269	Instal. kit to att. simultaneous display MSA to wall
VZ 955255	Wall holder for Simultaneous Display MSA
VZ 955270	Foot for Simultaneous Display MSA
VZ 955271	Support f. simultaneous display MSA CLASSIC
VZ 950064	Display and Control Cabinet Installed Separately
VZ 910152	Data printer Thermoprint
VZ 910053	DIN A4 DOT Matrix printer
VZ 910153	Radio remote control RECO1
VZ 910047	Infrared Remote Control IFB3
VZ 990050	Pedalforce Meter
VP 990434	Pedalforce Meter PFM 1000
VZ 955088	Key Switch for Emergency Stop
VZ 955045	Emergency Switch
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 911264	Software LON Basic for external PC
VZ 910140	USB/RS 232 converter for connection to PC
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-Keybaord and Mouse
VZ 910165	PC Flat Screen 22 inch (TFT Standard)
VZ 910192	Simultaneous Display Unit 40"
VZ 955244	Rotatable & Folding Wall Holder for TFT
VZ 910193	HDMI Cable 5 m
VZ 910179	HDMI Cable 15 m
VZ 910180	HDMI Cable
VZ 910181	HDMI-Splitter 4-Port
VZ 910091	DIN A4 Ink Jet Colour Printer
VZ 955295	FTS 2018
VZ 955296	Docking Station for FTS 2018
VZ 955237	AP transm./receiver unit (indoor access point)
VM 995148	Routine Test/Calibration Truck
VM 995679	Montage Analog-, Digital-, Simultananzeige
VM 996117	Pre-installation Brake Tester MBT 2000/3000
VM 996118	Connection and Calibration MBT 2000/3000
VW 997557	Packing Brake Tester MBT 2000 Europe
VW 997558	Packing Brake Tester MBT 2000 Overseas
VW 997472	Packing PC-Desk -Europe-
VW 997473	Packing PC-Desk -overseas-
VW 997262	Packing simultaneous display -Europe-
VW 997263	Packing simultaneous display -overseas-
VZ 997411	Extra charge f. connection of weighing system
VM 996053	Cable harness ext. f. MBT 2000/3000 Series, 5 m
VM 996054	Cable Harness Ext. f. MBT 2000/3000 Series, 10m