



MBT-SERIES

VP 210084

Roller-Brake-Tester up to 3000 kg axle load

DESCRIPTION:

Plug and Play roller brake tester with analogue display for cars and vans with an axle load of up to 3000 kg

- ♦ Easy and efficient installation thanks to Plug and Play Preparation with 12 m cable harness including plug
- ♦ Control integrated in roller set makes a separate switch cabinet superfluous (depending on equipment)
- ♦ Flat and lightweight display for various installation options
- ♦ 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

- ♦ 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
 - 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

STANDARD DELIVERY:

- ♦ Analogue display with two pointer indicators for brake force and optical LED differential display
- ♦ MBT 2000 RS 2 roller set with integrated switch cabinet and preparation for weighing equipment

TECHNICAL DATA:

Axle load (can be driven over)	3000 kg
Track width	780 mm - 2200 mm
Test speed	5 km/h
Measurement value display	0 N - 6000 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
Analog scale diameter	2 x 350 mm
Dimensions of display unit (H x W x D)	470 mm x 840 mm x 100 mm
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 935110	Plastic-Coated Roller Surface
VZ 930067	Reinforced roller set for Axle load 4 t
VZ 930068	Roller Set up to 5 t Axle Load
VZ 935182	Roller set cover 4 t drive over Removable
VZ 935068	Roller Heating
VZ 930041	Autom. pneum. lifting device w. light barrier
VZ 935243	Roller Set Elevation MBT 2000/5
VZ 910190	Control Unit for Roller Set Raiser MBT 2000
VZ 935069	Angle iron frame if tester is suspended in ceiling
VZ 975895	Set of Drive-On Ramps
VZ 975896	Set of Drive-Over Ramps
VZ 975456	Stat./Dynamic Load Scales for MBT 2100 RS.No.2
VZ 975457	Stat./Dynamic Load Scales for MBT 2100 RS.No.5
VZ 935132	Driving and Testing Directions manually selectable
VZ 935228	Rot./meas. direct. via softw. mod. drive control
VZ 911294	Sequencer Drive Control Pro
VZ 911295	Soft-Start Module, for gentle starting
VZ 935066	Star-Delta Starter
VZ 955262	Separate Control cabinet
VZ 990352	Special voltage 3 x 230V 50/60Hz
VZ 955264	Analogue Display MBT 2100, 0-70%
VZ 955001	Installation Kit to attach Display Cabinet to Wall
VZ 955261	Pedestal for Display Cabinet, 180° swivelable
VZ 910153	Radio remote control RECO1
VZ 955276	Operator Guidance via LED Displays MBT BDF
VZ 935229	Motorcycle Connection for MBT 2100
VZ 910159	Printer-Set RECO 1
VZ 910047	Infrared Remote Control IFB3
VZ 955080	Thermo-controlled heater f. electro-cabinet
VZ 955263	Lockable main switch internal/external
VZ 911264	Software LON Basic for external PC
VZ 911045	Softw. for comm. softw. netw. w. asanetwork
VZ 910140	USB/RS 232 converter for connection to PC
VM 995147	Routine Test/Calibration Car
VM 996159	Cable harness ext. for MBT 2100 Serie, 10 m
VM 996198	Pre-installation Roller Set Elevation for Cars
VM 999005	Hydraulic Oil (HLP-D 32) per litre
VW 997401	Connection and Calibration IW 2
VW 997003	Packing -Europe-
VW 997202	Packing roller set -Overseas-