

MBT 1000 EUROSYSYSTEM

BRAKE TESTING TECHNOLOGY



MBT-SERIES

VP 610012

Roller-Brake-Tester up to 1000 kg wheel load

DESCRIPTION:

The MBT 1000 EUROSYSYSTEM Roller brake tester for motorcycles with a wheel load of up to 1000 kg

- ♦ Short roller axle distance means it is particularly suitable for testing motorcycles.
 - ♦ Supplied as standard with tyre-preserving MAHA plastic coating on test rollers, specifically coordinated to the tyres
 - ♦ MAHA modular design with optional motorcycle clamping and holding device for the rear and front wheels with removable clamping jaws for simple testing that is kind to the rims.
 - ♦ MAHA modular design with optional extension roller set allows for testing of two and three-track vehicles (trike, quad, etc.)
 - ♦ Supplied as standard with tyre-preserving MAHA plastic coating on test rollers, specifically coordinated to the soft two and three-wheel-specific tyres
 - ♦ Operating panel with the following comprehensive functions:
 - Start, stop, emergency stop
 - Operation of the clamping and holding device,
 - Operation of the lifting bar
 - ♦ Comprehensive package of functions for professional testing, such as:
 - Automatic start-up monitoring supplied as standard to avoid tyre damage
 - Automatic slip cut-off with pointer stop
 - Automatic cut-off after exiting the tester
 - Manual start-up control for safe handling
 - Lifting bar with roller brake makes it easier to drive off with the driven wheel
 - ♦ Can be extended with foot and hand force sensor as an option for differentiated analysis of the motorcycle braking system
 - ♦ Round instrument display for the braking force
 - ♦ Continuous and graphic display and recording of all the measured values using time.
- ♦ 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
 - Varnished with high-quality powder coating, gentian blue RAL 5010
- 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 1000 RS 1 roller set with preparation for weighing equipment

TECHNICAL DATA:

Wheel load (traversable)	1000 kg
Test speed	5 km/h
Measurement value display	0 N - 3000 N
Roller length	350 mm
Roller diameter	202 mm
Roller axle distance	380 mm
Testable wheelbases	800 mm - 1500 mm
Motor power	3 kW
Fuse gG	25 A
Power supply	3/N/PE 400 V 50 Hz
Dimensions roller set (L x W x H)	1150 mm x 700 mm x 280 mm
Roller set height (only in conjunction with dynamometer)	315 mm

ACCESSORIES:

VZ 955278	Add-on Kit Directive 2011 Roller Brake Testers
VZ 930091	Expansion Roller Set for Trikes/Quads RS2
VZ 935136	Static/Dynamic Weighing System for MBT 1000
VZ 975002	Special voltage 3 x 230 V 50/60 Hz
VZ 910047	Infrared Remote Control IFB3
VZ 935262	Pneumatic Motorcycle Holding Device
VZ 975783	Aluminium Footrests for MBT 1000
VZ 975770	Ramp Set MBT 1000 RS1
VZ 975771	Expansion Ramp Set MBT 1000 RS2
VZ 975772	Extension Ramp Set instead of Holding Device
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
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 990050	Pedalforce Meter
VZ 990253	Connection Adapter MBT 1000
VZ 990252	Hand lever adapter for pedal force meter
VZ 912030	Connection Module for Equipment
VZ 955045	Emergency Switch
VZ 955088	Key Switch for Emergency Stop
VZ 955014	Working hour meter
VM 995147	Routine Test/Calibration Car
VM 995679	Montage Analog-, Digital-, Simultananzeige
VM 997101	Connection and Calibration MBT 1000
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-