

Roller Brake Tester

Model: MBT 1000 EUROSYSYSTEM

for motorcycles, trikes and lightweight vehicles



Vehicle Safety Technology

- ▶ Modular structure: Expand the roller brake tester to a complete test lane
- ▶ Flexible use for single- and multi-track vehicles
- ▶ Digital test value processing and documentation
- ▶ Version according to future requirements of 2014/45/EU
- ▶ Connection to country-specific networks such as MCTC NET, GIEG-NET, EBV etc. possible

Premium Workshop
Equipment

Description:

With the MBT 1000, MAHA presents a two-wheel brake tester which can be expanded to an extensive test lane for two- and multiple-track motorcycles as well as for lightweight vehicles, thanks to its unique modular structure. The equipment can, for example, include modules such as a clamping device for two-wheelers, a speedometer or performance dynamometer, an emission tester, a headlight adjustment device and much more. The typical linking via the MAHA EUROSYSYSTEM allows for central management of all measured data and, in addition to documentation, allows for the transmission of data to continuing networks.

The MBT 1000 was especially developed taking the legal adjustments of 2014/45/EU into account.

Equipment features:

- ▶ Measurements and differences display and graphics on PC monitor
- ▶ Prepared for the connection of all EURO floor assemblies and external devices
- ▶ Control panel for motorcycle testing
Functions: Start, Stop, Emergency-Stop, operation of clamping device and lifting bar
- ▶ Automatic start-up monitoring
- ▶ Manual start-up control
- ▶ Automatic slip cut-off with measurement value display
- ▶ Automatic cut-off after exiting the brake tester
- ▶ Electronic strain gauge measurement system
- ▶ Vehicle lifting bar with blocking of rollers (pressure connection of 6 – 10 bar required)
- ▶ Roller surface with plastic coating
- ▶ Lockable main switch
- ▶ TÜV and GS approved



Railing with movable control panel



Roller set with lifting bar and automatic roller brake



Adjustable and removable clamping modules

Technical data	RS1	RS2
Wheel load (drive-over load)	1000 kg	1000 kg
Drive power	3 kW	3 kW
Test speed	5 km/h	5 km/h
Display range	0 – 3 kN	0 – 3 kN
Roller length	350 mm	1100 mm
Roller diameter	202 mm	202 mm
Roller centre distance	380 mm	380 mm
Testable wheel diameters	400 – 650 mm	400 – 650 mm
Track width in conjunction with RS2	-	170 - 1570 mm
Testable wheel bases	800 – 1500 mm	800 – 1500 mm
Fuse	25 A time-delay	25 A time-delay
Power supply	3 x 400 V/N/PE 50 Hz	3 x 400 V/N/PE 50 Hz
Roller set dimensions (H x W x L)	280/315* x 700 x 1150 mm	280/315* x 1400 x 1150 mm

*315 mm height only in conjunction with dynamometer

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