

PRODUCT DATA SHEET



BM1010 Roller Brake Tester

BM1010 roller brake tester is a brake tester series for motorcycle brake testing. It is used in test of most 2-, 3-, and 4-wheeled motorcycles. The series is modularly designed and based on three types of hot galvanized roller beds with different roller lengths: 300, 600 and 1000 mm.

This brake tester features a large range of options that allows for a customized configuration

OPTIONS

The BM1010 roller brake tester is approved by MOT in England.

Advantages

- IT system using latest app technology for smartphone and tablet (Windows and Android).
- Only 250 mm deep and can therefore be installed in most workshops or even on-ground.
- The display can be mounted either on the wall, saving floor space, or on floor column devices, that are designed so equipment is protected even when floor is cleaned with chemicals. It can also be mounted on a trolley making it easy to move around.
- A highly versatile modular test system, it can accommodate 2 wheelers, 3 wheeler (side car and tricycle), and 4 wheeler (quad), with auto detect of vehicle type.

PRODUCT DATA SHEET



- Full motorcycle testlanes available with wheel clamp and powered speedometer tester.




PRODUCT DATA SHEET

- Automatic roller start for safe control of motorcycle during the test.

Installation

- Hot galvanized subframes can be concreted into the ground before the actual brake tester is installed.
- The subframes ensures easier planning and implementation of installation as well as correct alignment of the brake tester during concreting.
- Can be installed both indoor and outdoor in most environments from -30°C to 60°C and humidity up to 95.

Downloads

 [BM1010 brochure EN \(PDF\)](#)

Product Short Description :

A strong in-ground and on-ground brake tester for testing of motorcycles.

Additional Information:

- Dimensions: N/A
- Weight: N/A
- One unit rollerbed (LxWxH): 675 x 615 x 250 mm (300 mm rollers), 975 x 615 x 250 mm (300 and 600 mm rollers), 1375 x 615 x 250 mm (300 and 1000 mm rollers)
- Roller diameter: 182 mm
- Roller length: 300 mm, 600 mm, 1000 mm
- Wheel span: 290 to 1590 mm, 530 to 1730 mm
- Maximum wheel weight, test/drive over: 500/750 kg (300 mm rollers), 1000/1250 kg (600 and 1000 mm rollers)
- Friction coefficient of roller from factory dry/wet: Min. 0.8/0.7
- Distance between roller centres: 350 mm
- Gear motor size: 1.1 kW
- Max. brake force measurement: 400 daN
- Test speed: 1.0 km/h
- Display (LxWxH): 735 x 500 x 140 mm
- Display brake force scale: 0 – 620 daN

PRODUCT DATA SHEET

- Brake force measuring accuracy: 0 - 100 daN: +/- 1 daN, > 100 daN: +/- 1% FS
- Weight measuring accuracy: 0-100 kg: +/-2 kg, >100 kg: +/-2% FS
- Hand pedal force measurement accuracy: 0 - 100 daN: +/- 1 daN
- Power and fuses: 3 x 400 Vac + N + PE, Min. 10 Amp, 1 x 230 Vac + N + PE, Min. 50 Amp, Min. 25 Amp (MC), 3 x 230 Vac + PE, Min. 16 Amp, min. 10 Amp (MC)
- BM200 TECHNICAL DATA: -
- One unit roller bed (LxWxH): 965 x 575 x 250 mm
- Roller diameter and length (ØxL): 175 x 300 mm
- Maximum wheel weight, drive over/test: 750 / 500 kg
- Gear motor size: 3.8 km/h
- Maximum self-drive speed: 160 km/h
- Maximum motor-drive speed: 160 km/h

Product Gallery:

