

BM7010 BRAKE TESTER

- for Light Vehicles



BM7010 is a strong in-ground brake tester for light vehicles with axle loads up to 3500 kg. The design of the BM7010 is unique on the market due to the "split roller bed" system. The brake tester roller set is hot-galvanized and together with the aluminium display, it can be installed both in- and outdoors.

BM7010 is also prepared for test line expansion including suspension tester and side slip tester all controlled from the same electronics with results shown in one display.

Several international authorities has approved the BM7010 and is designed for workshop and vehicle inspection applications.



- Standard wheel track at min. 880 to max. 2080 mm.
- Large and easy-to-read aluminium display with analogue and digital readout of all relevant test data.



Options

The brake tester features a long range of options which allows for a configuration that can meet most customer requirements such as:

- Display mounted on stand or wall.
- Windows smartphone and tablet.
- Infra red remote control.
- Pedal force meter.
- A4 printer.
- PC Windows software.
- Test of 4x4 driven vehicles.
- Adjustable roller set for wider wheel tracks whereby caravans can be tested:
 - Min. 980 mm to max. 2850 mm
 - Min. 1400 mm to max. 2580 mm
- Heating package for outdoor installation.
- Galvanized subframes.

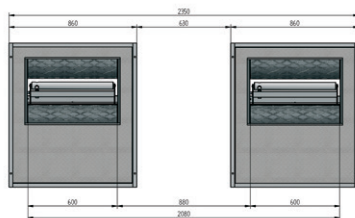
- the safe choice

Technical Data

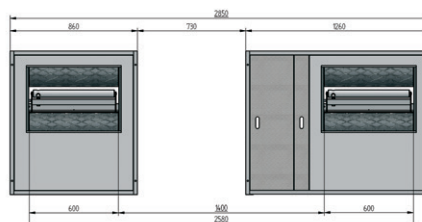
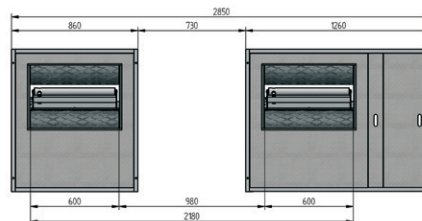
| BM7010 DESCRIPTION | | |
|--|-----------|--|
| Roller bed per side | L x W x H | 910 x 800 x 220 mm |
| Subframe for split bed installation per side | L x W x H | 965 x 855 x 250 mm |
| Roller diameter | Ø | 175 mm |
| Roller length | | 600 mm |
| Friction coefficient of roller from factory | dry / wet | Min 0.7 / 0.6 |
| Wheel span (can be customised) | | 880 to 2080 |
| Distance between roller centres | | 350 mm |
| Maximum test axle weight | | 3500 kg |
| Maximum drive over axle weight | | 4000 kg |
| Gear motor size | | 3.8 kW |
| Max. brake force measurement | | 750 daN |
| Test speed | | 4.5 km/h |
| Display | L x W x H | 735 x 500 x 140 mm |
| Display brake force scale | | 0 - 620 daN |
| Brake force measuring accuracy | | 0 - 100 daN: ± 1 daN > 100 daN: ± 1 % FS |
| Pedal force measurement accuracy | | 0 - 100 daN: ± 1 daN |
| Power and fuses | | 3 x 400 Vac + N + PE Minimum 20 Amp 3x230 Vac + PE Minimum 35 Amp |

Roller sizes

Standard roller set



Adjustable roller set



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