BM TEST EQUIPMENT
- the safe choice

BM4010 BRAKE TESTER
- for Light Vehicles

BM4010 is a strong above / in-ground brake tester for light vehicles with axle loads up to 3500 kg and a standard wheel track at min. 880 to max. 2080 mm.

- Can be supplied with physical aluminium display or tablet/ smartphone solution for display of test results.
- Hot-galvanized and designed for both in- and outdoor usage.
- Can be placed directly on the ground in front of a lift or seperate with ramps.
- Prepared for test line expansion including suspension tester, speedometer tester and sideslip.
- Approved by several international authorities such as the RWTÜV Germany.

Options

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

- Floor column-, wall mounting- or trolley for physical display.
- Android/Windows smartphone or tablet remote control and display.
- Infrared remote control.
- Pedal force meter.
- A4 printer.
- PC Windows software.
- Test of 4x4 driven vehicles.
- Automatic axle weight.
- Axle lifting system.
- Rollers for wider wheel tracks:
  - min. 800 mm to max. 2300 mm.
  - min. 800 mm to max. 2800 mm.
- Heating package for outdoor installation.
- Galvanized subframes.

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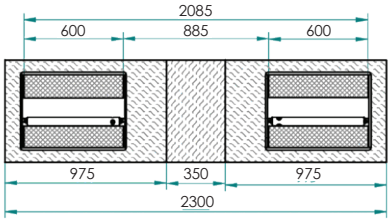
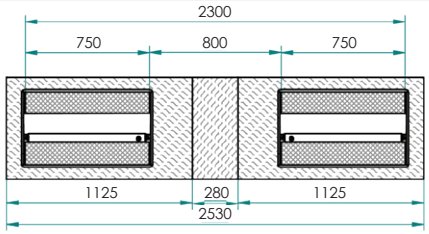
Technical Data

BM4010 DESCRIPTION		
Roller bed (600 mm rollers)	L x W x H	2300 x 715 x 250 mm
Roller bed (750 mm rollers)	L x W x H	2530 x 715 x 250 mm
Roller bed (1000 mm rollers)	L x W x H	3030 x 715 x 250 mm
Roller diameter	Ø	182 / 204 mm
Roller length	L	600 / 750 / 1000 mm
Friction coefficient of roller from factory dry/wet		Min 0.7 / 0.6
Min. wheel span (can be customised)		880 / 800 / 800 mm
Max. wheel span (can be customised)		2080 / 2300 / 2800 mm
Distance between roller centres		354 mm
Max. test axle weight		3500 / 4000 kg (optional)
Test speed		2.5 / 5.0 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
Weight measuring accuracy		0 – 100 kg: ± 2 kg > 100 kg: ± 2 % FS
Pedal force measurement accuracy		0 – 100 daN: ± 1 daN
Power and Fuses		3 x 400 Vac + N + PE Minimum 13/20 Amp 3 x 230 Vac + PE Minimum 20/35 Amp

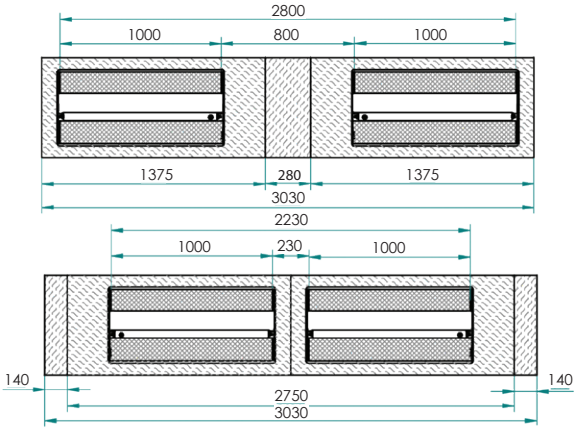
600 mm



750 mm



1000 mm



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