



Up to 1 T



Description

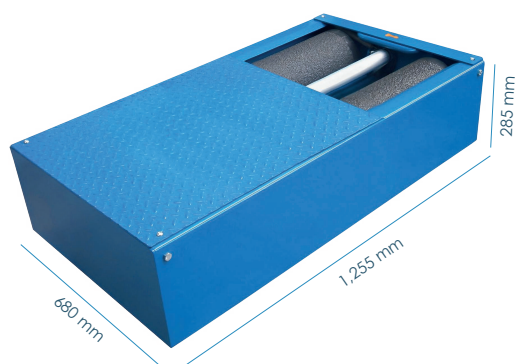
The **FRM Motorcycle Brake Tester** is designed to verify the brake condition of motorcycles, **allowing a maximum step load of up to 1 T**. The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system.

The most significant information obtained is:

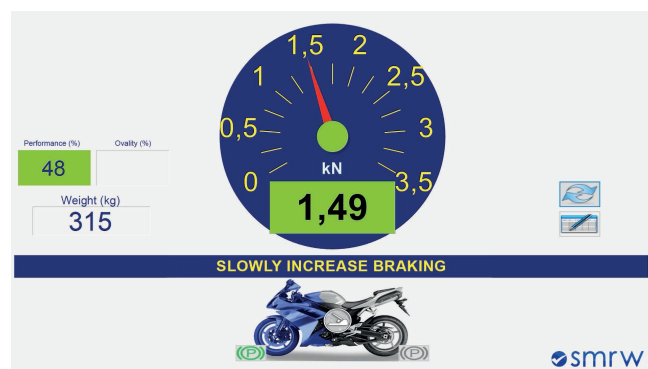
- ✔ Braking force on manual and pedal brakes
- ✔ Rolling resistance
- ✔ Ovality and weight measurement *optional**
- ✔ Hand clamp and foot pedal *optional**
- ✔ Braking performance

Technical Data and Dimensions

Maximum load	1 T
Engine power	4.8 kW
Test speed	5.88 km/h
Maximum wheel width	400 mm
Voltage	400 V - 50 Hz
Fuse protection	3 x 16A
Thermal protector	1 x 9 - 12.5 A
Roller diameter/length	208 / 440 mm
Dimensions and weight	1,255 x 680 x 285 mm 230 kg
Adhesion coefficient	0.9 dry 0.7 wet
Max. braking forces	3.5 kN
Step / Measurement error	0.01 kN / 1 %
Consumption	4.8 kW










Software



Standard Equipment

- ✔ Brake Tester
- ✔ Control console
- ✔ Electronic control and SMRW software
- ✔ Self-locking rollers for easy exit

Optional Equipment

Optional Equipment	
	Voltage stabilizer
	Start-up sensitizer
	230 V start-up sensitizer
	Start-up power supply 230 V
	Power supply 60 Hz
	Axle weighing scale with 4 load cells
	Hand-held dynamometer + receiver
	Front wheel clamp
	Pneumatic clamp
	Calibration weight 10 Kg Calibration weight 30 Kg
	Light vehicles calibration lever
	End-of-line console (consult)