



Up to 1 T


Description

The **FRQ+M for Vehicles and Motorcycle Brake Tester** is specially designed to check the brake condition of **Tri-cycles, Motorcycles and Quads**.

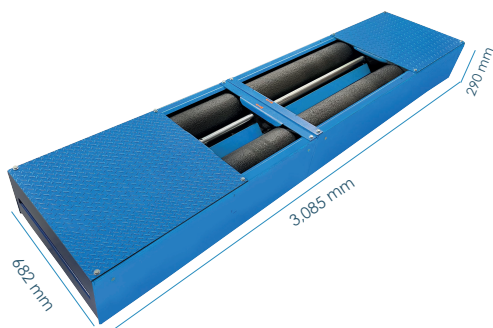
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system. **Its design is adapted for use on 1 or 2 wheel axles.**

The most significant information obtained is:

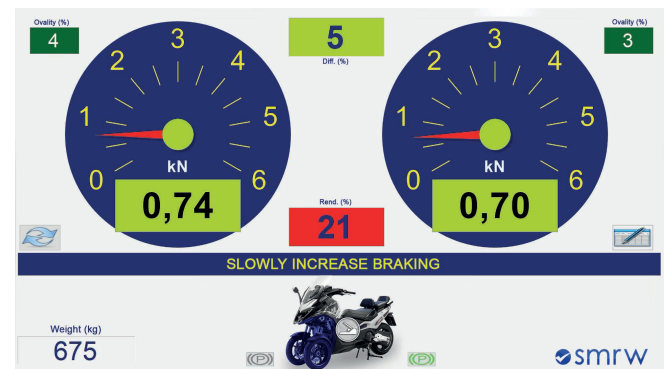
- ✔ Braking force on manual and pedal brakes
- ✔ Rolling resistance
- ✔ Measurement of ovality and weight *optional**
- ✔ Hand clamp and foot pedal *optional**
- ✔ Braking performance

Technical Data and Dimensions

Maximum axle load	1 T
Engine power	2 x 4,8 kW
Test speed	5.4 km/h
Track max / min	1,505 / 103 mm
Voltage	400 V - 50 Hz
Protection fuse	3 x 25A
Thermal protector	1 x 9 - 12.5 A
Roller diameter	208 mm
Length rollers 1 and 2 (usable)	446 (419) / 1,000 (947) mm
Distance between rollers	400 mm
Dimensions and weight	3.085 x 682 x 290 mm 400 kg
Adhesion coefficient	0.9 dry 0.7 wet
Measuring scale	3.5 kN
Step / measurement error	0.01 kN / 1 %
Consumption	9.2 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
	Sensitizer start 230 V
	Start-up power supply 230 V
	Power supply 60 Hz
	Axle weighing scales (8 load cells)
	Pedal dynamometer + receiver
	Hand-held dynamometer + receiver
	Front wheel clamp
	Pneumatic clamp
	Calibration weight 10 Kg
	Calibration weight 30 Kg
	Light calibration lever
	End-of-line console (consult)