



Up to 4 T



Description

The **FRQ Brake Tester** is designed to test **Passenger Cars, ATV, Tricycles and Quadricycles**, in addition to the possibility of testing **Motorcycles**. The split structure of the Ryme equipment supports **up to 4 T per axle per step**.

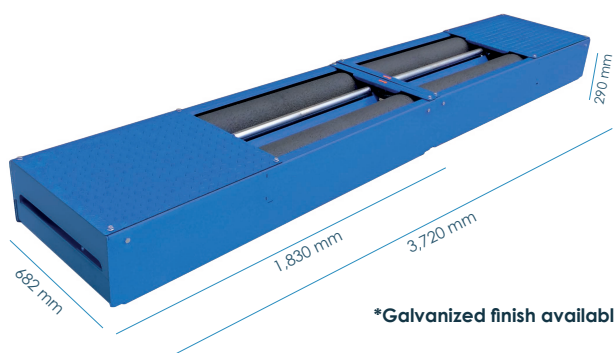
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system **in a 2-bench structure**.

The most significant information obtained is:

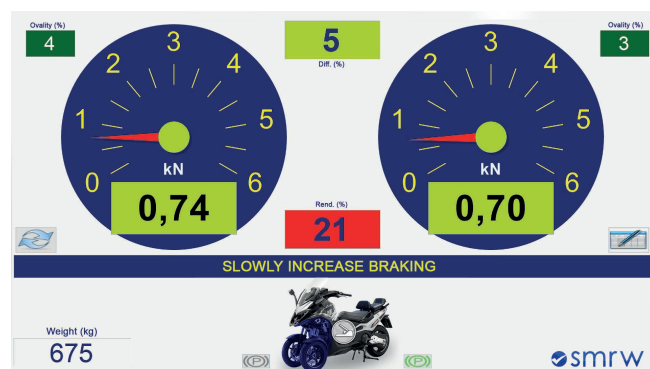
- ✔ Braking force on manual and pedal brakes
- ✔ Rolling resistance
- ✔ Ovality and weight measurement *optional**
- ✔ Hand clamp and foot pedal *optional**
- ✔ Braking performance

Technical Data and Dimensions

Max load	4 T
Engine Power (independent)	2 x 4.8 kW
Test speed	5.40 km/h
Max/min track width	2,143 / 163 mm
Voltage	400 V - 50 Hz
Protection fuse	3 x 25 A
Thermal protector	2 x 9 - 12.5 A
Roller diameter/length	208 / 1,000 (980 usable) mm
Distance between rollers	400 mm
Dimensions and weight (per frame)	1,830 x 682 x 290 mm 560 kg
Adhesion coefficient	0.9 wet 0.7 dry
Measurement scale	0 - 6 kN
Step / measurement error	0.01 kN / 1 %
Consumption	9.2 kW
















Software



Standard Equipment

- ✔ Brake Tester
- ✔ Cabinet, Electronic control and SMRW software
- ✔ Hardware and software for 4x4 vehicles
- ✔ Self-locking rollers for easy exit

Optional Equipment

Optional equipment	
	Voltage stabilizer
	Motor soft starter
	230 V Start-up sensitizer
	230 V Start-up power supply
	60 Hz Power supply
	Axle weighing scale with 4 load cells
	Foot pedal dynamometer + receiver
	Hand-held dynamometer + receiver
	4x4 freewheels
	Software and kit for motorcycles
	Roller cover
	Calibration weight 10 kg Pesa de calibración 30 Kg
	Light vehicles calibration lever
	End-of-line console (consult)