



Up to 8 T



Description

The **FRL 70** 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 8 T per axle per step**.

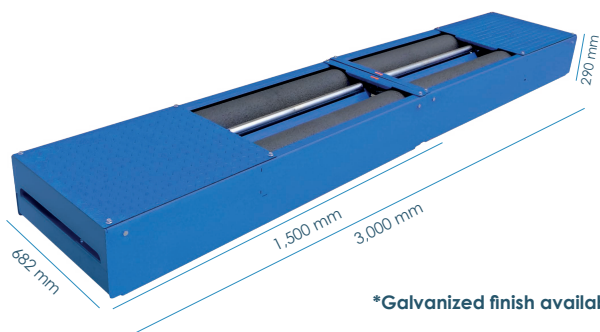
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system **in a 2-bench structure**.

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

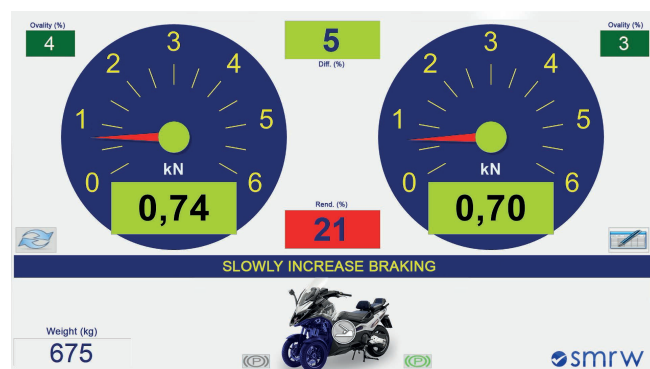
Technical Data and Dimensions

Maximum load	8 T
Engine Power (independent)	2 x 5.5 kW
Test speed	4 km/h
Max/min track width	2,320 / 947 mm
Voltage	230 / 400 V - 50 Hz
Protection fuse	3 x 25 A
Thermal protector	2 x 10 - 16 A
Roller diameter/length	202 / 700 (683 usable) mm
Distance between rollers	400 mm
Dimensions and weight (per frame)	1,500 x 682 x 290 mm 400 kg
Adhesion coefficient	0.9 dry 0.7 wet
Measurement scale	0 - 12 kN
Step / measurement error	0.01 / 1 kN
Consumption	11 kW



*Galvanized finish available






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
	Calibration weight 30 kg
	Light vehicles calibration lever
	End-of-line console (consult)