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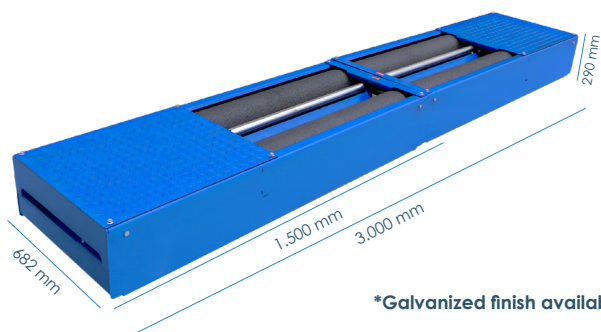
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system **in a 2-bench structure.**

The most significant information obtained is:

- Braking force on manual and pedal brakes
- Rolling resistance
- Ovality and weight measurement op*
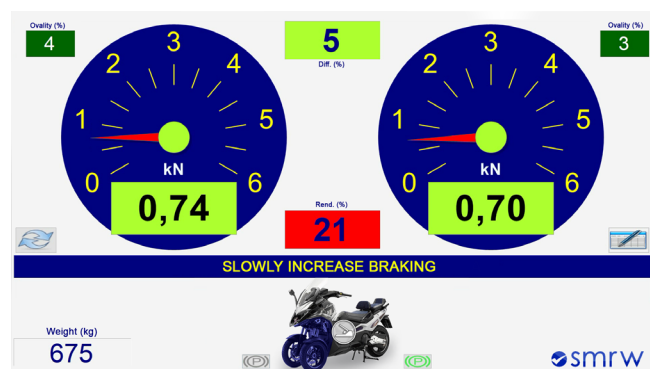- Pedal effort (hand clamp and foot pedal) op*
- Braking performance

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 (usable 683) 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

290 mm

682 mm

1.500 mm   3.000 mm

*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)