



WOF Approved by NZTA
According NHVR standards

Up to 6 T



Description

The **FRL 5.5 Brake Tester for Light Vehicles** is prepared to check the brake condition of light vehicles **allowing a maximum step load of up to 6 T**.

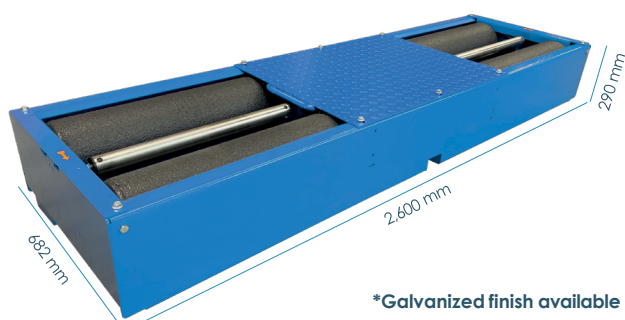
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system.

The most significant information obtained is:

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

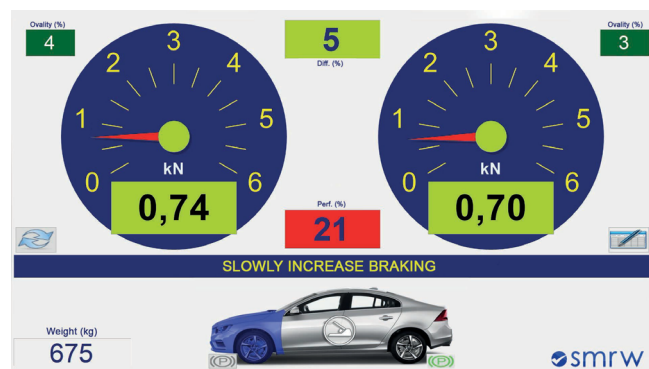
Technical Data and Dimensions

Maximum Load	6 T
Engine Power (independent)	2 x 5.5 kW
Test speed	4 km/h
Max/min track width	2,458 / 870 mm
Voltage	400 V - 50 Hz
Protection fuse	3 x 32 A
Thermal protector	2 x 10 - 16 A
Roller diameter/length	208 / 830 (793 usable) mm
Distance between rollers	400 mm
Dimensions and weight	2,600 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 kN / 1%
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)