



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.**

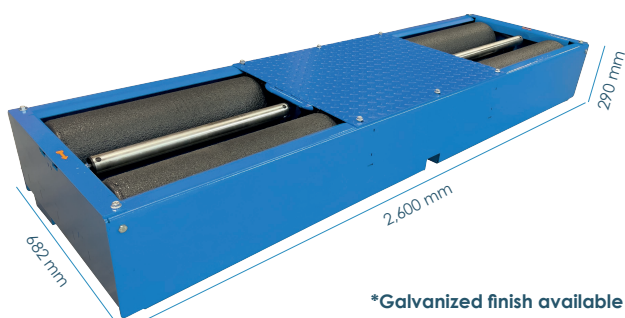
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system.

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

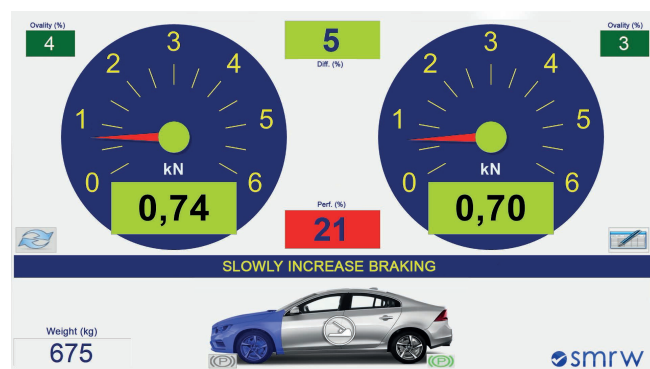
## Technical Data and Dimensions

<b>Maximum Load</b>	6 T
<b>Engine Power (Independent)</b>	2 x 5.5 kW
<b>Test speed</b>	4 km/h
<b>Max/min track width</b>	2,458 / 870 mm
<b>Voltage</b>	400 V - 50 Hz
<b>Protection fuse</b>	3 x 32 A
<b>Thermal protector</b>	2 x 10 - 16 A
<b>Roller diameter/length</b>	208 / 830 (793 usable) mm
<b>Distance between rollers</b>	400 mm
<b>Dimensions and weight</b>	2,600 x 682 x 290 mm 400 kg
<b>Adhesion coefficient</b>	0.9 dry 0.7 wet
<b>Measurement scale</b>	0 - 12 kN
<b>Step / measurement error</b>	0.01 kN / 1%
<b>Consumption</b>	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)