



WOF Approved by NZTA  
According NHVR standards

Up to 4 T  
 

## Description

The **Brake Tester for Light Vehicles FRL** is designed to check the brake condition of light vehicles up to **3,500 kg**, allowing a maximum through load of up to **4 tons**.

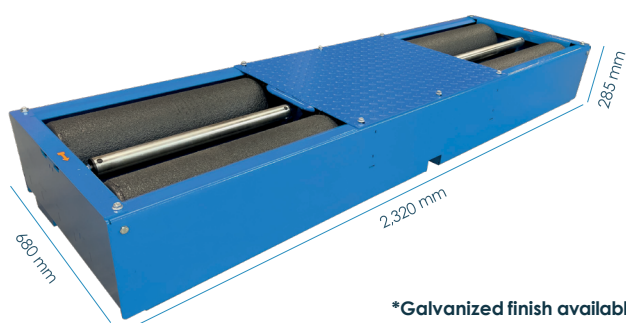
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system.

The most significant information obtained is:

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

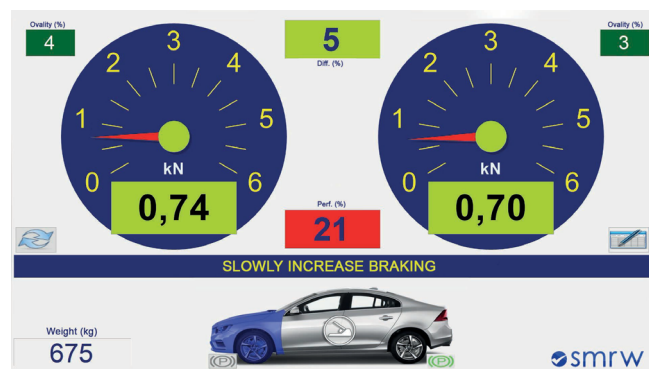
## Technical Data and Dimensions

Max load	4 T
Motor power (independents)	2 x 4.8 kW
Test speed	5.4 km/h
Max / min width	2.210 / 870 mm
Voltage	400 V - 50 Hz
Fuse protector	3 x 25 A
Thermal protector	1 x 9 - 12.5 A
Roller diameter/length	208 / 685 (665 usable) mm
Distance between rollers	400 mm
Dimensions and weight	2,320 x 680 x 285 mm 400 kg
Adhesion coefficient	0.9 dry 0.7 wet
Measuring scale	6 kN
Step / measurement error	0.01 kN / 1 %
Consumption	9.2 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 3-phase
	60 Hz Power supply
	Axle weighing scales (4 load cells)
	Pedal dynamometer + receiver
	Hand-held dynamometer + receiver
	4x4 free rollers
	Motorcycle software and kit
	Roller covers
	10 kg calibration weight
	30 kg calibration weight
	Calibration lever
	End-of-line console (consult)