

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.**

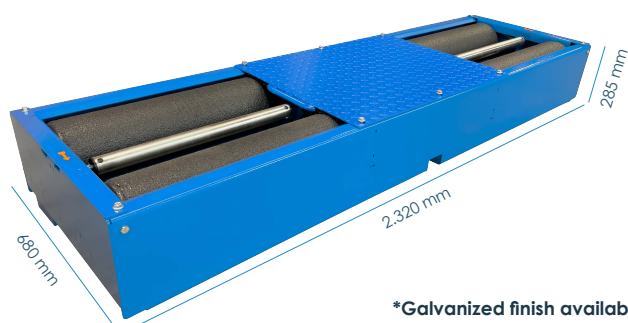
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system.

The most significant information obtained is:

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

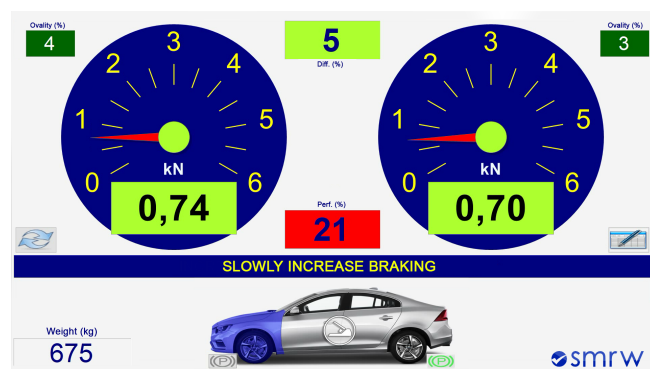
## Technical Data and Dimensions

<b>Max load</b>	4 T
<b>Motor power (independents)</b>	2 x 4,8 kW
<b>Test speed</b>	5,4 km/h
<b>Max/min width</b>	2.210 / 870 mm
<b>Voltage</b>	400 V - 50 Hz
<b>Fuse protector</b>	3 x 25 A
<b>Thermal protector</b>	1 x 9 - 12,5 A
<b>Roller diameter/length</b>	208 / 685 (665 usable) mm
<b>Distance between rollers</b>	400 mm
<b>Dimensions and weight</b>	2.320 x 680 x 285 mm 400 kg
<b>Adhesion coefficient</b>	0,9 dry 0,7 wet
<b>Measuring scale</b>	3,5 kN
<b>Step / measurement error</b>	0,01 kN / 1 %
<b>Consumption</b>	9,2 kW



\*Galvanized finish available









## Software



## Standard Equipment

- ✔ Brake Tester
- ✔ Control console
- ✔ Electronic control and SMRW software
- ✔ Self-locking rollers for easy exit

## Optional Equipment

	Ref.	Optional Equipment
	COM-04-12003	Voltage stabilizer
	FRL-SA	Motor soft starter
	FRL-SA230	230 V start-up sensitizer
	GEN-230	230 V Start-up power supply
	GEN-60	60 Hz Power supply
	FRL-BAS	Axle weighing scales (4 load cells)
	COM-05-01003	Pedal dynamometer + receiver
	COM-05-01005	Hand-held dynamometer + receiver
	ACL-03-00000	4x4 free rollers
	ACL-12-00000	Motorcycle software and kit
	ACL-06-00000	Roller covers
	CAL-04-00000	10 kg calibration weight
	CAL-01-00000	30 kg calibration weight
	CAL-02-00000	ccc
	8599	End-of-line console (consult)