



Up to 4 T



## Description

The **FRQ 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 4 T per axle per step**.

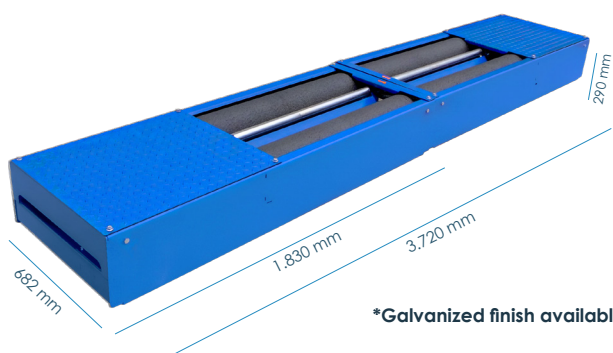
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system **in a 2-bench structure**.

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

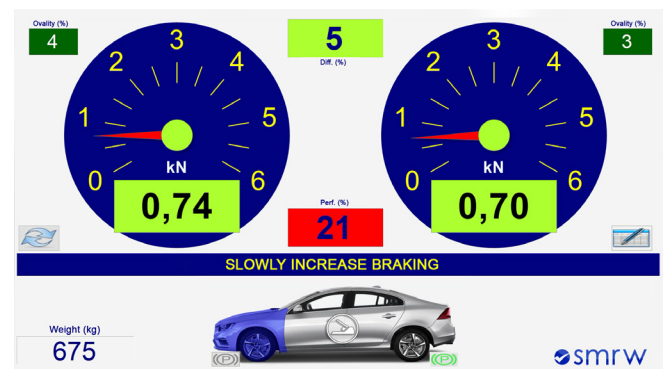
## Technical data and Dimensions

<b>Max load</b>	4 T
<b>Engine Power (independent)</b>	2 x 4,8 kW
<b>Test speed</b>	5,40 km/h
<b>Max/min track width</b>	2.143 / 163 mm
<b>Voltage</b>	400 V - 50 Hz
<b>Protection fuse</b>	3 x 25 A
<b>Thermal protector</b>	2 x 9 - 12,5 A
<b>Roller diameter/length</b>	208 / 1.000 (usable 980) mm
<b>Distance between rollers</b>	400 mm
<b>Dimensions and weight (per frame)</b>	1.830 x 682 x 290 mm 560 kg
<b>Adhesion coefficient</b>	0,9 wet 0,7 dry
<b>Measurement scale</b>	0 - 6 kN
<b>Step / measurement error</b>	0,01 kN / 1%
<b>Consumption</b>	9,2 kW



\*Galvanized finish available









## Software



## Equipamiento Estándar

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

## Optional Equipment

Ref.	Optional Equipment
 <b>COM-04-12003</b>	Voltage stabilizer
<b>FRL-SA</b>	Motor soft starter
<b>FRL-SA230</b>	230 V Start-up sensitizer
<b>GEN-230</b>	230 V Start-up power supply
<b>GEN-60</b>	60 Hz Power supply
 <b>FRL-BAS</b>	Axle weighing scale with 4 load cells
 <b>COM-05-01003</b>	Foot pedal dynamometer + receiver
 <b>COM-05-01005</b>	Hand-held dynamometer + receiver
 <b>ACL-03-00000</b>	4x4 freewheels
<b>ACL-12-00000</b>	Software and kit for motorcycles
 <b>ACL-06-00000</b>	Roller cover
 <b>CAL-04-00000</b>	Calibration weight 10 kg
<b>CAL-01-00000</b>	Pesa de calibración 30 Kg
 <b>CAL-02-00000</b>	Light vehicles calibration lever
<b>8599</b>	End-of-line console (consult)