



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.**

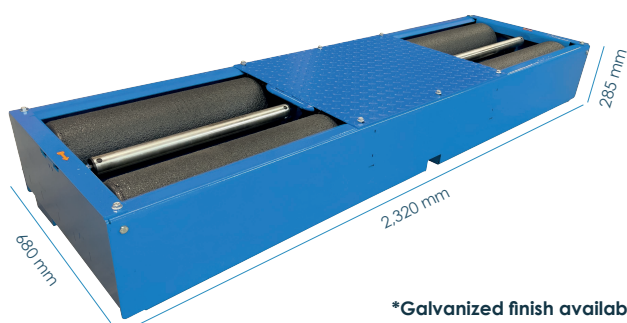
The braking force is obtained from the electrical signal provided by a strain gauge to the data acquisition system.

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

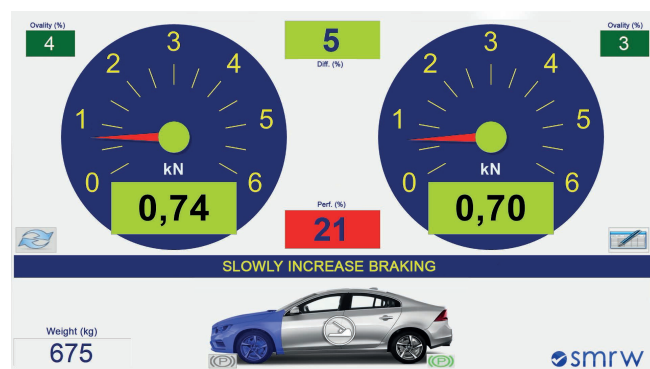
## Technical Data and Dimensions

|                                   |                                |
|-----------------------------------|--------------------------------|
| <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<br>400 kg |
| <b>Adhesion coefficient</b>       | 0.9 dry<br>0.7 wet             |
| <b>Measuring scale</b>            | 6 kN                           |
| <b>Step / measurement error</b>   | 0.01 kN / 1 %                  |
| <b>Consumption</b>                | 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)       |