



Up to 16 T  

Description

The **BSU Suspension Bench** has been designed to evaluate suspensions on vehicles up to **2.5 T per axle, being able to withstand loads up to 16 T at passage.**

Its main task is to perform a **quick and efficient analysis of the condition of the suspension of light vehicles.** The test is performed under the EUSAMA method, measuring the wheels of each axle individually.

The test bed is equipped with **safety systems** that detect the presence of the vehicle during the test, performing the test when the measuring platforms detect a minimum weight.

The 3 kW motors subject the vehicle's suspension to an oscillation between 16 Hz and 0 Hz, simulating road conditions to obtain the degree of adherence of the vehicle to the road.

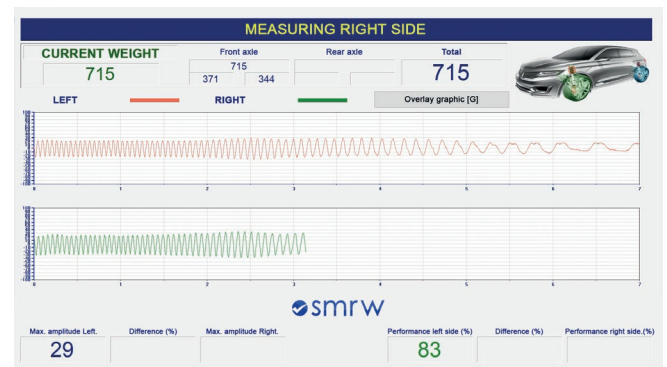
Standard Equipment

- ✔ Suspension Bench
- ✔ Electronic control and SMRW software
- ✔ Possibility of console and integration kit
- ✔ Remote controller for test control


Technical Data and Dimensiones

| | |
|----------------------------|-----------------------------------------------|
| Maximum circulating weight | 16 T |
| Maximum test weight | 2.5 T |
| Motor power | 2 x 3 kW |
| Max/min track width | 2,120 / 825 mm |
| Voltage | 400 V - 50 Hz |
| Protection fuse | 3 x 10 A |
| Excitation frequency | 16 Hz |
| 3 levels of valuation | A. Amplitude B. Performance C. Graphics |
| Thermal Protector | 1 x 5.5 - 8 A |
| Bench Dimensions | 2,330 x 480 x 290 mm |
| Bench Weight | 620 kg |
| Consumption | 6 kW |

Software



Optional Equipment

-  Voltage stabilizer
- Power supply 230 V Three-phase
- 60Hz power supply
- End-of-line console (consult)

