



UPGRADE TO TEST LANE

Suspension tester SA 640 | 400 V, EUSAMA Principle

Special accessory for series BD 4xxx brake tester | only to be used for checking the technical condition of suspension elements

Article number: 1 691 620 307

Description

- Under unfavorable conditions, the road surface adhesion of a wheel is governed by the technical condition of the suspension elements (suspension system, wheel bearings, tires and shock absorbers).
- The SA 640 measures the relative road surface adhesion of a wheel on the basis of the internationally recognized EUSAMA principle.
- The results of the full chassis test provide an overall assessment of the road safety of the vehicle.
- Measurement system: Bending bar with strain gauge

Scope of delivery:

- Suspension tester SA 640
- RR Connecting cable
- RR Set of clamping fixtures and fastening materials

Technical Data

| | |
|------------------------------|---|
| Weight | 260 kg |
| Fuse protection | 3 x 20 A |
| Protection class | IP 54 |
| Length | 440 mm |
| Height | 280 mm |
| Operating temperature | -10 - 50 °C |
| Power supply | 400 V 50 - 60 Hz |
| Measuring system | DMS |
| Sound pressure level max. | 70 dB(A) |
| Width | 2360 mm |
| Max. axle load testable | 2000 kg |
| Test width min. - max. | 820 - 2200 mm |
| Test frequency | < 25 Hz |
| Motor power | 2 x 2,5 kW |
| Engine speed | 1360 rpm |
| Storage temperature | -10 - 50 °C |
| Supply lead | 5 x 2,5 mm ² |
| Fuse rating of power supply | 6,6 A |
| Test principle | - Excitation method (principle of EUSAMA) |
| Test plate length | 690 mm |
| Test plate width | 273 mm |
| Power factor (cos φ) | 0,75 |
| Measuring range, max. stroke | 6 mm |
| Phases | 3 |
| Relative humidity max. | 85 % |
| Max. drive-over load | 4000 kg |

Accessories

| | |
|---------------|---|
| 1 691 622 002 | Edge protector for suspension Tester SA / SN |
| 1 691 621 026 | Over drive ramp |
| 1 691 602 001 | Edge protector for test lane TL - SL |
| 1 691 602 002 | Assembly case for test lane with Eusama suspension tester |