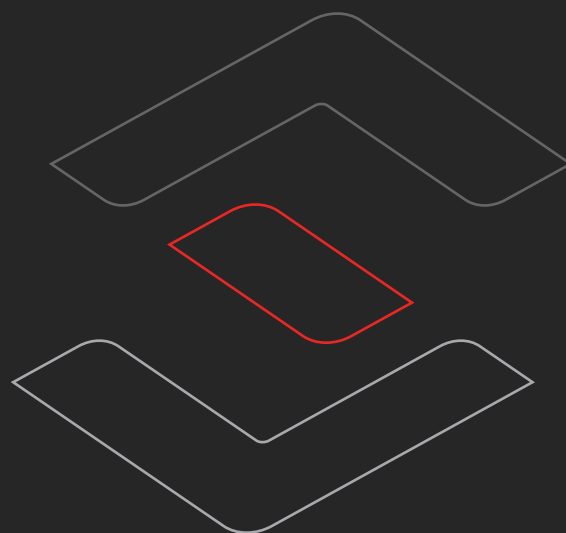


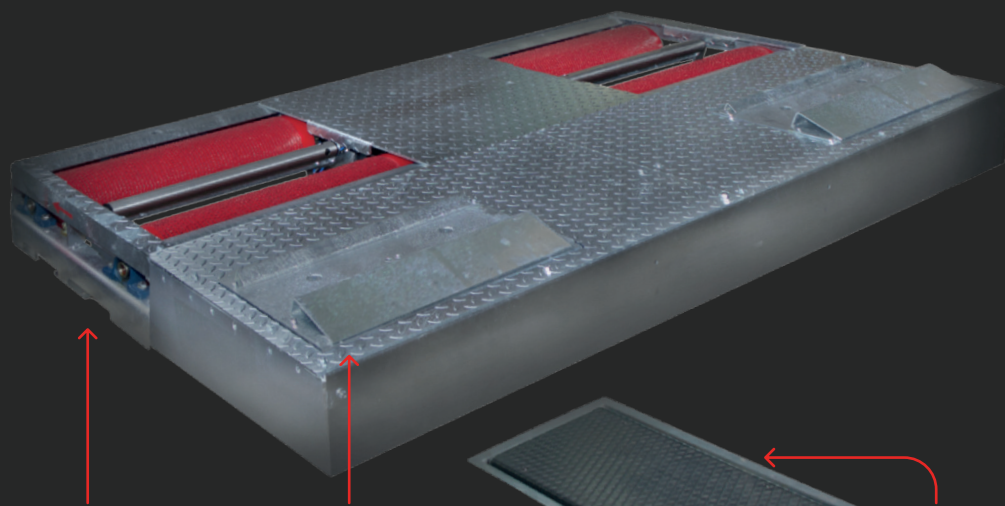


Safety Test Lane for Cars and Transporters

Sherlane 3.5 - 6.0



MODULES



Roller Brake Tester

- Hot-dip galvanised roller set
- Prepared for weighing device as standard
- Standard test program for electronic parking brakes
- Separate control box (IP 54) for test unit control

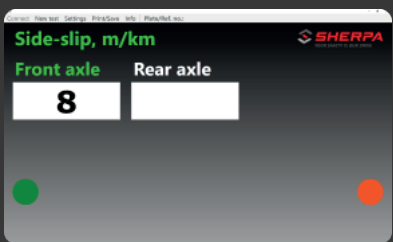
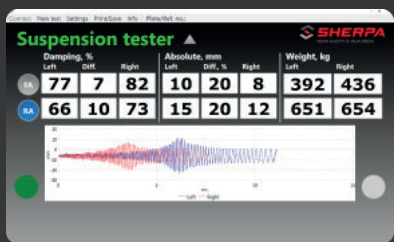
Axle Suspension Tester (Shock Absorber)

- Proven BOGE resonance method
- Repetitive measurement results even if there are residual influences such as different tyre types, tyre pressure or load

Side Slip Tester (Option)

- As standard with an upstream axle release plate
- Reliable track check, since tension in the chassis can be eliminated

DISPLAY MODES



PC Software “BPS-TV”

- The PC Software “BPS-TV” transmits data directly to the Windows 10 PC or Laptop
- Brake force, difference, axle number, brake type, axle and wheel weight, deceleration, brake pressures and operating mode are shown clearly and easy to read. The printout is processed via the PC



Pointer Analog Display for Sherlane 3.5 - 6.0

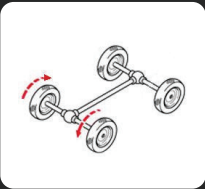
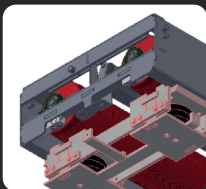


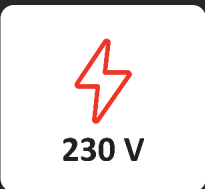
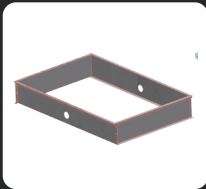
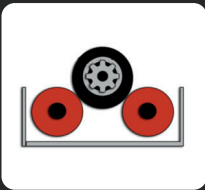
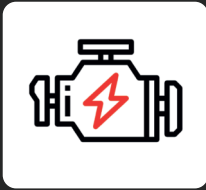
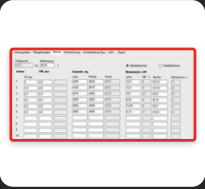



- Large, easy to read pointer analog display
- Displaying brake / shocks and side slip values

Sherlane 3.5 - 6.0

Today's safety test lanes must keep pace with the ever-changing requirements of the vehicles to be tested. The company SHERPA Autodiagnostik, based in Germany, has been delivering high-tech testing technology for around 30 years – technically always state-of-the-art and of highest quality.

The "SHERLANE" test lane is based on a modular system, consisting of either roller brake tester with axle suspension tester – or roller brake tester with axle suspension tester and side slip tester. The following display types are available: analog display, PC connection or a combination of both.

OPTIONS

| | | | |
|---|---|--|---|
|  | Patented automatic all-wheel detection with fully automatic testing (Patent EP 1931957B1) |  | Pneumatic roller set raising for BPS-K 3.5 - 6.0: lifting force max. 2.5 t axle load |
|  | EDOS Drive out assistance with electronic rotation direction controller (Patent EP 2594916) |  | Pneumatic lowering / lifting threshold , optionally as safety tread threshold with automatic lowering or as manual lift-out device: lifting force max. 2.2 t axle load |
|  | Special voltage 230 V |  | Foundation cladding: hot-dip galvanised sheet steel as lost cladding with edge protection |
|  | Plastic-coated rollers |  | Reinforced drive motors: BPS-K 3.5: 2 x 4 kW spur gear; BPS-K 6.0: 2 x 5.5 kW planetary gear: enormous motor power with minimal power connection values |
|  | SHERPA-Office database for customer and vehicle data: visual defects file, saving measurement data, printout, network module for PC networking |  | Weighing device static / dynamic: very precise and reliable measurement of the respective test weight |
|  | Frequency module for detecting vehicle noises: manual frequency selection with automatic holding range |  | Reinforced measuring mechanics for axle suspension tester; testable axle load max. 2.6 t |

With the SHERPA test lane, you can quickly, easily and clearly convey the current condition of the vehicle's brakes, chassis and side slip to your customers.

TECHNICAL DATA

Display

| | |
|--|---------------------------|
| Analog display, Dimensions (L x W x H) | 810 x 670 x 70 mm |
| Display range for brake value | 0 - 6 kN (optional 12 kN) |

Control box „Sherlane“

| | |
|--|--------------------|
| Electrical / control box, Dimensions (L x W x H) | 380 x 380 x 220 mm |
|--|--------------------|

Roller Brake Tester /
Roller Set

| | “BPS-Kompakt 3.5“ | “BPS-Kompakt 6.0“ |
|---------------------------------------|---|--|
| | Self-sustained, closed roller set, hot-dip galvanised | |
| Traversable axle load max. | 4 t | 6 t |
| Roller length | 700 mm | 1,000 mm |
| Track width min. / max. | 800 / 2,200 mm | 800 / 2,800 mm |
| Roller diameter | 205 mm | 205 mm |
| Test speed / Drive capacity | 5 km/h, 2 x 3 kW (optional 2 x 4 kW) | 5 km/h, 2 x 4 kW (optional 2 x 5.5 kW) |
| Testable axle load | at 50% deceleration 2 t (optional 2.6 t) | at 50% deceleration 2.6 t (optional 4 t) |
| Supply voltage | 3 x 400 V 50 Hz | 3 x 400 V 50 Hz |
| Feed line / fuse protection | 5 x 2.5 mm² / 3 x 20 A | 4 kW / 5 x 2.5 mm² / 3 x 20 A (5.5 kW / 5 x 4 mm² / 25 A) |
| With Option EDOS | 5 x 6 mm² / 3 x 32 A | 4 kW / 5 x 6 mm² / 3 x 32 A (5.5 kW / 5 x 10 mm² / 50 A) |
| Dimensions per roller set (L x W x H) | 2,320 x 680 x 240 mm | 2,925 x 680 x 240 mm |
| Weight | 440 kg | 640 kg |

Axle Suspension Tester STP

| | STP 3.5 for Sherlane 3.5 | STP 3.5 for Sherlane 6.0 |
|--------------------------------|--------------------------|--------------------------|
| Dimensions of unit (L x W x H) | 2,320 x 800 x 280 mm | 2,320 x 800 x 280 mm |
| Track width min. / max. | 800 / 2,200 mm | 800 / 2,200 mm |
| Transit load | 4 t | 6 t |
| Testable axle load | 1.2 t (optional 2.6 t) | 2.6 t |
| Power | 2 x 1.2 kW | 2 x 1.2 kW |
| Feed line / fuse protection | 5 x 2.5 mm² / 3 x 20 A | 5 x 2.5 mm² / 3 x 20 A |

SSP Test Plate (Option)

| | SSP 400 Test Plate | SSP 600 Test Plate |
|--|---|--------------------|
| | Hot-dip galvanised test plates with tread plate, plate bearing: low maintenance ball bearing, maintenance-free electronic strain gauge measuring system | |
| Dimensions test plate (L x W x H) | 750 x 500 x 50 mm | 750 x 750 x 50 mm |
| Dimensions track levelling plate (L x W x H) | 250 x 500 x 50 mm | 250 x 750 x 50 mm |

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