

DESCRIPTION

Sherpa In-Ground Roller Brake Tester

Manufactured by Germany, this high-tech equipment benefits from 30 years of expertise and delivers state-of-the-art performance with uncompromising quality.

The SB18115 model is hot-dip galvanized for enhanced durability, making it resistant to corrosion and ideal for long-term use in demanding environments. As a standard feature, this roller brake tester comes equipped with a dedicated test program for electronic parking brakes, catering to the growing number of vehicles with advanced braking systems.

With its advanced technology and robust construction, the Sherpa Standard In-Ground Roller Brake Tester is the preferred tool for heavy vehicle workshops in New Zealand that strive to stay ahead in vehicle diagnostics and maintenance.



Tech Specs	SB18115
Maximum Axle Load	18,000kgs
Roller Length	1,150 mm
Roller Diameter	268 mm
Roller centre distance	440 mm
Test Speed	Planetary gear with 2.6 km/5.2km
Drive Capacity	2 x 9 kW
Testable axle load	at 50% deceleration 16 t
Supply Voltage	3PH 415V 50HZ
Feed line / fuse protection	5 x 10 mm ² / 50 A
Dimensions per roller set (L x W x H)	1,220 x 1,045 x 545 mm
Weight per roller set	460 kg
Wheel deflector	inner



Roller Brake Tester

- Hot-dip galvanised roller set
- Planetary gear motors: Large motor power with minimal power connection values
- Standard raised roller by 40 mm on the access side, exit side at ground level
- Wear-free, electronic DMS measuring system with shear force transducer
- Standard test program for electronic parking brakes
- **EDOS Drive out assistance** with electronic rotation direction controller [Patent EP 2594916]

Electrical / Control Box

- With motor protection switch, control electronics, operating elements and main switch lockable
- Splash water protected IP 54
- 800 x 600 x 250 mm [L x W x H]



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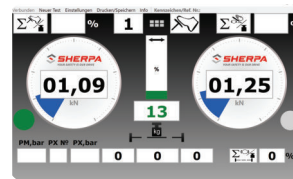
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DISPLAY MODES



LED Display "Dig-4" (RGB)

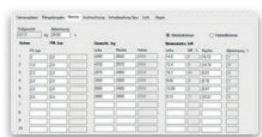
- With a resolution of 8x64 LEDs for all roller brake testers & test lanes, as a single or combined display
- Variable, dynamic display format
- Digital display with several display ranges for brake, difference, side slip, weight and pressure values



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

ADDITIONAL FEATURES



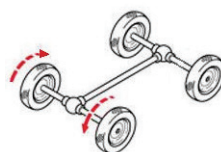
SHERPA-Office database for customer and vehicle data: visual defects file, saving measurement data, printout, network module for PC networking



Weighing device static / dynamic: very precise and reliable measurement of the respective test weight by 8 shear force transducers



Radio Remote controls: up to 20-times encodable; measured value storage and manual test unit control



Patented automatic all-wheel detection with fully automatic testing (Patent EP 1931957B1)



2 test speeds (2.6 and 5.2 km/h) making it suitable for both heavy and light vehicle testing



EDOS Drive out assistance with electronic rotation direction controller (Patent EP 2594916)

RELATED PRODUCTS



Load simulator type LS-12 (10t): hydraulic unit with pressure controller and pressure display

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