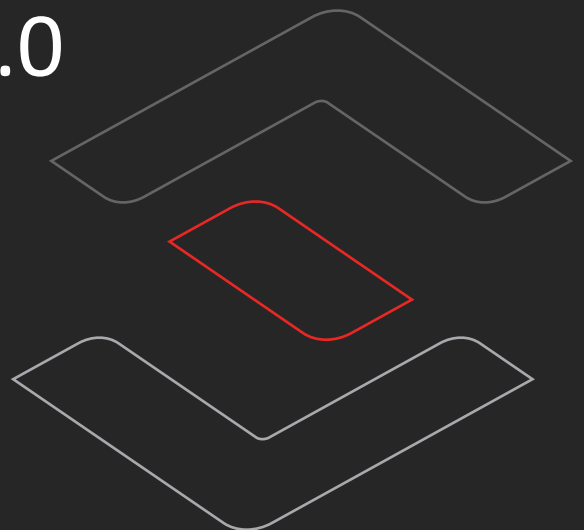


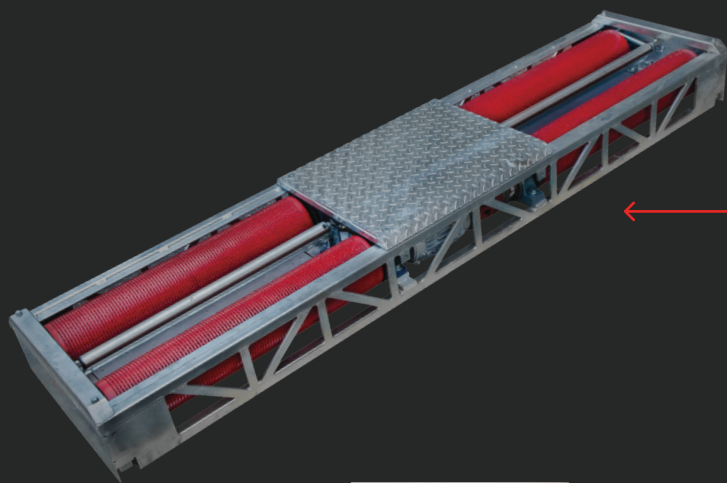


Roller Brake Tester for Cars and Commercial Vehicles

BPS Kompakt 8.0 - 13.0

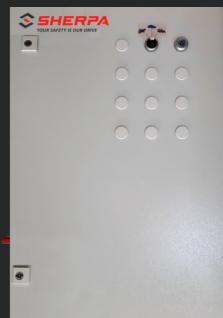


MODULES



Roller Brake Tester

- Hot-dip galvanised roller set
- Planetary gear motors: Enormous motor power with minimal power connection values
- Adjustment screws for height adjustment
- Prepared for weighing device as standard
- Wear-free, electronic DMS measuring system with shear force transducer
- Standard test program for electronic parking brakes



Electrical / Control Box

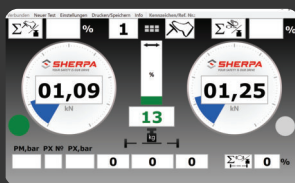
- With motor protection switch, control electronics, operating elements and main switch lockable
- Splash water protected IP 54

DISPLAY MODES



Pointer Analog Display for BPS Kompakt 8.0 - 13.0 (with optional LED displays)

- Large, easy to read pointer analog display
- Brake force display with two measuring ranges 0-6 / 0-40 kN (electronic switching)
- Signal lamps for measurement range display and slip switch-off
- Optionally also available with background lighting



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



LED Display "Dig-4" (RGB)

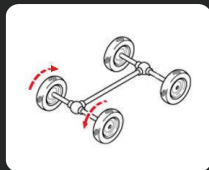
- With a resolution of 8x64 LEDs for all roller brake testers and test lanes, as a single or combined display
- Variable, dynamic display format
- Digital display with several display ranges for brake, difference, side slip, weight and pressure values

BPS Kompakt 8.0 - 13.0

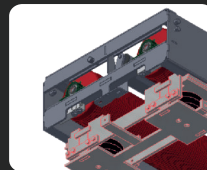
Today's roller brake testers must keep pace with the ever-changing requirements of the vehicles to be tested. The company SHERPA Autodiagnostik, based in Germany, has been delivering high-tech testing technology for around 30 years – technically always state-of-the-art and of highest quality.

The roller brake testers, type "BPS Kompakt 8.0" to "BPS Kompakt 13.0", are based on a modular system. They are hot-dip galvanised and feature a test program for electronic parking brakes as standard. The installed planetary gear motors enable enormous motor power with minimal power connection values. The testers can optionally be equipped with the automatic all-wheel detection patented by SHERPA and the also patented EDOS Drive out assistance.

OPTIONS



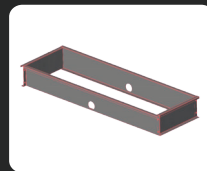
Patented automatic all-wheel detection with fully automatic testing (Patent EP 1931957B1)



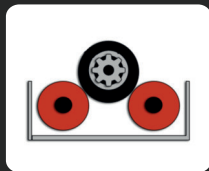
Pneumatic roller set raising with sliding guide for BPS-K 8.0 - 13.0: lifting force max. 2.5 t axle load



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



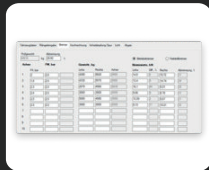
Foundation cladding: hot-dip galvanised sheet steel as lost cladding with edge protection



Plastic-coated rollers



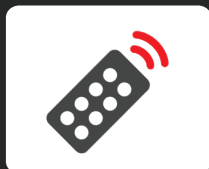
Reinforced drive motors: BPS-K 13.0: 2 x 9 kW planetary gear: enormous motor power with minimal power connection values



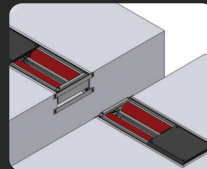
SHERPA-Office database for customer and vehicle data: visual defects file, saving measurement data, printout, network module for PC networking



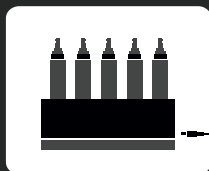
Weighing device static / dynamic: very precise and reliable measurement of the respective test weight by 4 shear force transducers



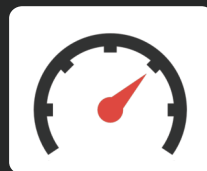
Remote controls Radio or Infra-red: up to 20-times encodable; measured value storage and manual test unit control



Further roller set variants: Kompakt split type roller set (on inspection pit) with motors on the side



Radio pressure transducer (pneumatic, hydraulic, pedal force): measured pressures on digital displays, PC program or print-out



2 test speeds (2.6 and 5.2 km/h) by installing a frequency converter in the electrical / control box

With SHERPA roller brake testers, you can quickly, easily and clearly convey the current condition of the vehicle's brakes to your customers.

TECHNICAL DATA

Display

Analog display, Dimensions (L x W x H)	810 × 670 × 70 mm
Display range for brake value	0 - 6 kN / 0 - 40 kN

Control box

Electrical / control box, Dimensions (L x W x H)	700 × 500 × 250 mm
with 2 test speeds (frequency converter)	800 × 600 × 250 mm

Roller Brake Tester / Roller Set	„BPS-Kompakt 8.0“	„BPS-Kompakt 10.0“	„BPS-Kompakt 13.0“
	Self-sustained, closed roller set, hot-dip galvanised		
Traversable axle load max.	8 t	10 t	13 t (optional 15 t)
Roller length	1,000 mm	1,000 mm	1,000 mm
Track width min. / max.	800 / 2,800 mm	800 / 2,800 mm	800 / 2,800 mm
Roller diameter	205 mm	205 mm	205 mm
Roller centre distance	400 mm	400 mm	400 mm
Test speed	Planetary gear with 2.6 km/h (optional 5.2 km/h)	Planetary gear with 2.6 km/h (optional 5.2 km/h)	Planetary gear with 2.6 km/h (optional 5.2 km/h)
Drive capacity	4 kW	5.5 kW	7.5 kW (optional 9 kW)
Testable axle load	at 50% deceleration 4 t	at 50% deceleration 8 t	at 50% deceleration 12 t (optional 14 t)
Supply voltage	3 × 400 V 50 Hz	3 × 400 V 50 Hz	3 × 400 V 50 Hz
Feed line / fuse protection	5 × 2.5 mm² / 20 A	5 × 6 mm² / 32 A	5 × 6 mm² / 32 A
With options “2 test speeds” or “EDOS”	5 × 6 mm² / 32 A	5 × 10 mm² / 50 A	5 × 10 mm² / 50 A
Dimensions per roller set (L x W x H)	2,950 × 680 × 250 mm	2,950 × 680 × 250 mm	2,950 × 680 × 250 mm
Weight	840 kg	840 kg	840 kg

SHERPA Autodiagnostik GmbH

Wernher-von-Braun-Straße 3
84539 Ampfing | Germany
Tel.: +49 (0) 8636 6099800 | Fax: -6099801
E-Mail: info@sherpa.de | www.sherpa.de

Your SHERPA-Partner