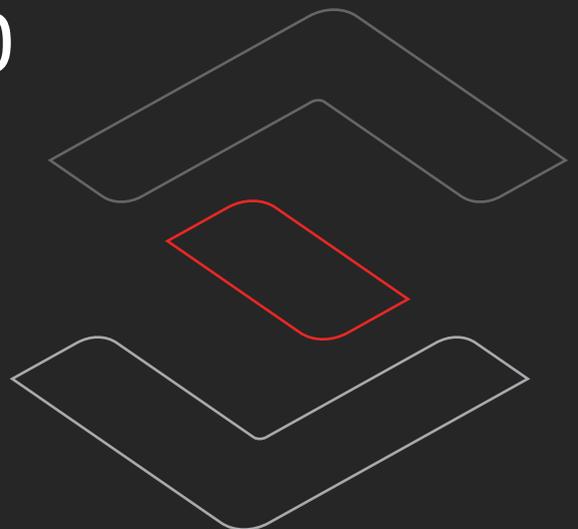


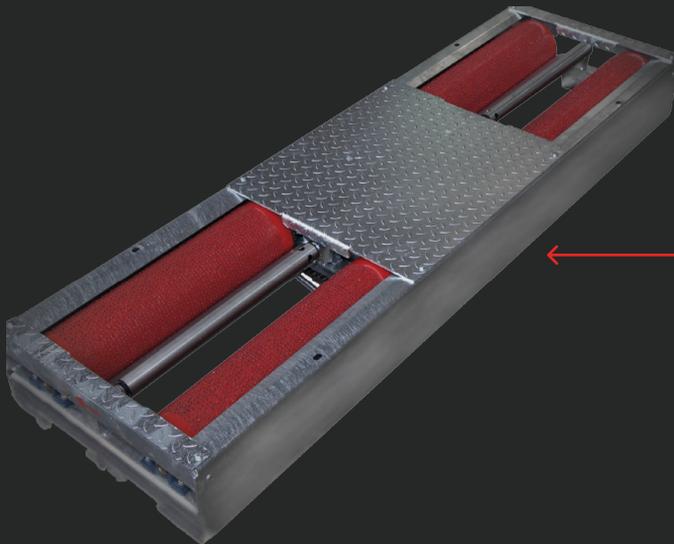


# Roller Brake Tester for Cars and Transporters

BPS Kompakt 3.5 - 6.0



## MODULES



### Roller Brake Tester

- Hot-dip galvanised roller set
- 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
- Prepared for expansion to a test lane with side slip and suspension tester
- Splash water protected IP 54

## DISPLAY MODES



### Pointer Analog Display for BPS Kompakt 3.5 - 6.0

- Large, easy to read pointer analog display
- Brake force display depending on the test unit from 0-6 or 0-12 kN



### 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)

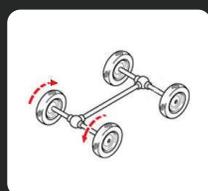
- With a resolution of 8x64 LEDs for all roller brake testers and test lanes, as a single or combined display
- Variable, dynamic display format
- Digital display with several display ranges for brake, suspension, difference, side slip, weight and pressure values

# BPS Kompakt 3.5 - 6.0

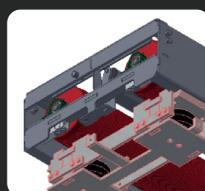
Today's roller brake testers must keep pace with the ever-changing requirements of the vehicles to be tested. The company SHERPA Autodiagnostik, based in Germany, has been delivering high-tech testing technology for around 30 years – technically always state-of-the-art and of highest quality.

The roller brake testers, type "BPS Kompakt 3.5" and "BPS Kompakt 6.0", are based on a modular system. They are hot-dip galvanised and feature a test program for electronic parking brakes as standard. They 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** for BPS-K 3.5 - 6.0: lifting force max. 2.5 t axle load



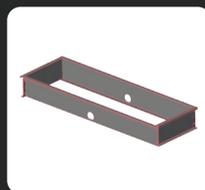
**EDOS Drive out assistance** with electronic rotation direction controller (Patent EP 2594916)



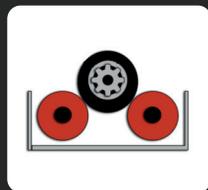
**Pneumatic lowering / lifting threshold**, optionally as safety tread threshold with automatic lowering or as manual lift-out device: lifting force max. 2.2 t axle load



**Special voltage 230 V**



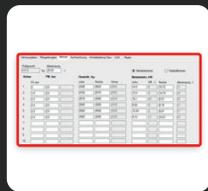
**Foundation cladding:** hot-dip galvanised sheet steel as lost cladding with edge protection



**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



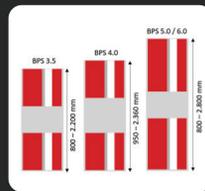
**SHERPA-Office database** for customer and vehicle data: visual defects file, saving measurement data, printout, network module for PC networking



**Weighing device static / dynamic:**  
very precise and reliable measurement of the respective test weight



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



**Further roller set variants** or special adaptations of the test unit mechanics to existing foundations

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)  
Display range for brake value

810 x 670 x 70 mm  
0 - 6 kN (optional 12 kN)

### Control box

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 mm<sup>2</sup> / 3 x 20 A

4 kW / 5 x 2.5 mm<sup>2</sup> / 3 x 20 A  
(5.5 kW / 5 x 4 mm<sup>2</sup> / 25 A)

With option EDOS

5 x 6 mm<sup>2</sup> / 3 x 32 A

4 kW / 5 x 6 mm<sup>2</sup> / 3 x 32 A  
(5.5 kW / 5 x 10 mm<sup>2</sup> / 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

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