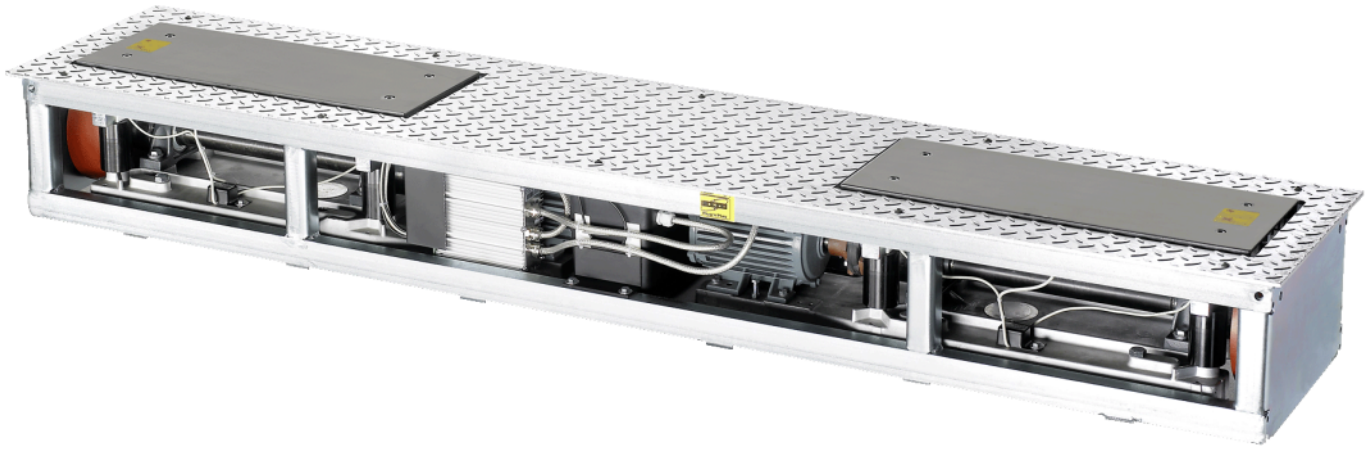

SUSPENSION TESTER

Suspension tester SN 680 | 400 V | EUSAMA | with noise detection

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

Article number: 1 691 620 309

BEISSBARTH
MESSBAR BESSER

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 SN 680 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 SN 680
- RR Connecting cable
- RR Set of clamping fixtures and fastening materials

Technical Data

Weight	327 kg
Packing	2420 x 820 x 700 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
Max. sound pressure level	70 dB(A)
Width	2360 mm
Max. axle load testable	1650 kg
Test width min. - max.	820 - 2200 mm
Test frequency	0 - 30 Hz
Motor power	2 x 3 kW
Engine speed	1420 rpm
Temperature max.	90 °C
Storage temperature	-10 - 50 °C
Supply lead	5 x 2,5 mm^2
Fuse rating of power supply	8,2 A
Test principle	- Excitation method (principle of EUSAMA)
Test plate length	690 mm
Test plate width	273 mm
Power factor (cos)	0,7
Measuring range, max. stroke	6 mm
Gross weight	357 kg

Phases	3
Relative humidity max.	85 %
Max. drive-over load	4000 kg
Frequency range noise detection	10 - 30 Hz

Accessories

1 691 622 002	Edge protection for suspension Tester SA 640 / SN 680
1 691 621 026	Drive over ramp to replace suspension tester SA / SN 6xx
1 691 602 001	Edge protector for test lane TL / SL 6xx
1 691 602 002	Installation frame for test lane with EUSAMA suspension tester
935 603 042	Spacer for BD 4xxx in combination with SA 640 / SN 680
1 691 621 001	Installation kit for suspension tester SA 640
1 691 621 000	Clamp set for EUSAMA suspension tester
1 691 603 369	Cable set 400 V | Power-Box to suspension tester | 30 m
1 691 602 557	Cable set BNet-Cable | Power-Box to suspension tester | 30 m
1 691 621 017	Positioning ramps for suspension tester