

Beissbarth Power Box – for BD-brake testers



- Power Box: the new and practical control cabinet
- All electronics in a compact and secure housing
- Easily accessible on the wall or on a column



Compact, robust and service-friendly: Power Box for the BD car series



Beissbarth Power Box
on a column (optional)

Die Beissbarth Power Box

- All electronic components are safely stored within a light-weight and easily accessible housing
- Easily recognizable and accessible ASA-livestream interface integrated into the housing
- Handy USB interface for the connection of a customer PC (optional)*
- 230 V socket** for the laptop of the service-technician or tester
- Easily accessible main switch with emergency shutdown
- Integrated door pocket for the technical documentation
- Wall mount (series version) or column (optional)

* Linkage is possible by means of the integrated PC kit 1 691 601 397 (see accessories for PC connection)

** Requires separate commissioning by an authorized technician



Standard version of the Power Box with wall mount



Wall mount



230 V socket** and optional USB port



ASA-livestream interface

ASA-Livestream

According to the brake testing guideline, brake testers are to be equipped with a standardized ASA interface. This Ethernet interface with RJ45 port is to be easily accessible from the exterior and marked accordingly. The ASA interface allows the exchange of data between the brake tester and the test organization's productive systems. No linkage to other workshop networks is allowed while performing the test. A 230 V socket is required for the power supply during the test.



Main switch with emergency shutdown



Door pocket for the technical documentation



Wall mount set (standard)

For professional brake servicing: car series



New! BD car series now with Power Box

BD car brake testers comply with the guideline and are thus suitable for general vehicle inspections. At the same time, there are modular auxiliaries for diagnoses as well as repair and service tasks at the workshop. Absolutely in line with specific customer requirements, the brake tester can be expanded and turned into a test lane for suspension testing and side slip testing. Operation, visualization and evaluation of the test results are made by means of an analogue display or via PC.

Just use the workshop computer

The new BSA kits allow additional connectivity options for the BSA series. The integrated PC kit is designed for its installation inside the new Bosch Power Box and allows direct linkage to the workshop PC.

More service, more customers

In order to ease and speed up the brake service, the BD car series and the new Bosch Power Box can be complemented by powerful accessories:

- Column for the Power Box
- PC trolley
- LCD display set for the display unit
- Professional IR PC kits (integrated or external)
- Pedal-force sensor (wireless version)
- Roller covers
- IR remote control

Access to multiple functions by means of a linked workshop PC

- Visualization of test procedures and results via screen
- Job processing, customer database, statistic evaluation or print and archiving functions can be used to full extent
- Test protocols are printed automatically
- Simple linkage to the ASA network manager
- Quick extension and conversion into a test lane is possible
- Analogue display is not required

Brake testers now with Power Box: facts and figures

Car-brake testers with analogue display Order number

BD 4222

Maximum test load/axle 2.5 t, test speed 5.2 km/h, speed sensors, ASA-livestream interface, analogue display (without LCD) with wall mount, 4 x 4 kit, roller width 700 mm. **New! Power Box included!**

1 691 600 630

BD 4332

Max. test load/axle 2.5 t, test speed 5.2 km/h, speed sensors, ASA-livestream interface, analogue display with LCD display set and wall mount, electromagnetic engine brake, 4 x 4 kit, roller width 700 mm, expandable and convertible into a test lane. **New! Power Box included!**

1 691 600 648

BD 4382

Max. test load/axle 2.5 t, test speed 5.2 km/h, speed sensors, ASA-livestream interface, analogue display with LCD display set and wall mount, electromagnetic engine brake, 4 x 4 kit, roller width 1,000 mm. **New! Power Box included!**

1 691 600 672

BD kits for flexible solutions via customer PC (without analogue display)* Order number

BD 4102*

Maximum test load/axle 2.5 t, test speed 5.2 km/h, speed sensors, ASA-livestream interface, roller width 700 mm. **New! Power Box included!**

1 691 600 600

BD 4122*

Maximum test load/axle 2.5 t, test speed 5.2 km/h, speed sensors, ASA-livestream interface, 4 x 4 kit, roller width 700 mm. **New! Power Box included!**

1 691 600 624

BD 4132*

Maximum test load/axle 2.5 t, test speed 5.2 km/h, speed sensors, ASA-livestream interface, electromagnetic engine brake, 4 x 4 kit, roller width 700 mm. Expandable and convertible into a test lane. **New! Power Box included!**

1 691 600 642

BD 4182*

Maximum test load/axle 2.5 t, test speed 5.2 km/h, speed sensors, ASA-livestream interface, electromagnetic engine brake, 4 x 4 kit, roller width 1,000 mm. **New! Power Box included!**

1 691 600 670

*BD kits require a computer for their operation.

Two options to connect BD kits to a PC: integrated or external PC-kit solutions Order number

Professional IR integrated PC kit

Integrated PC kit for the assembly into the new control cabinet, direct connection to the computer via USB cable (with a length of up to 1.5 m). Software, dongle #3, USB board for the control cabinet, USB cable, BNet cable, IR receiver, IR remote control

1 691 601 397

Professional IR external PC kit

External PC kit with BUS interface for larger distances (5 m standard, optionally up to 50 m). Software, dongle #3, USB box, USB cable, IR receiver, IR remote control

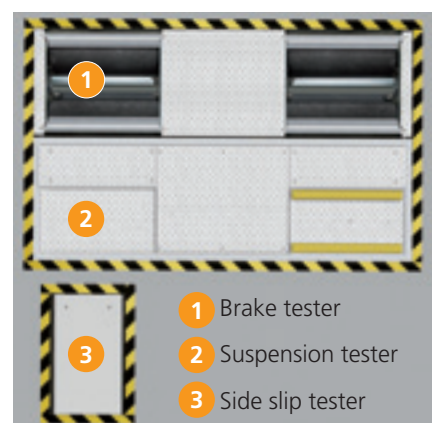
1 691 601 398

Expansion for conversion into a test lane: SL-series



From tester to test lane

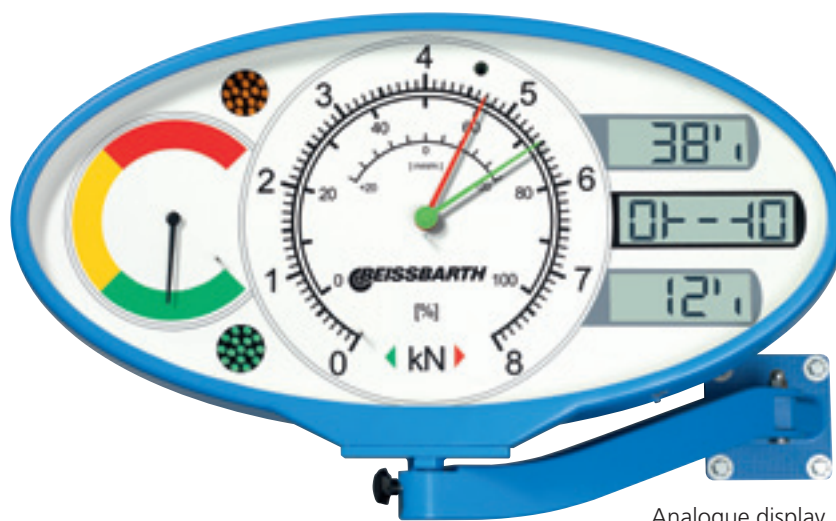
Using the components of the Beissbarth SL series, brake testers can easily be turned into complete test lanes. This allows the integration of, for instance, an ST 600 toe test plate, an SA 640 suspension tester or an SN680 suspension tester with noise diagnosis.



EUSAMA suspension tester with noise diagnosis



Wireless pedal-force sensor



Analogue display

Test lanes with analogue display

Order number

TL 4330

Max. test load/axle 2.5 t, test speed 5.2 km/h, analogue display with wall mount, roller set with main switch box, assembly set, 4 x 4 kit, speed sensors, ASA-livestream interface

BD 4332	Brake tester with display New! Power Box included!	1 691 600 648
ST 600	Side slip tester V3.0	1 691 631 013
SA 640	EUSAMA suspension tester	1 691 620 307

TL 4335

Max. test load/axle 2.5 t, test speed 5.2 km/h, analogue display with wall mount, roller set with main switch box, assembly set, 4 x 4 kit, acoustic diagnosis, speed sensors, ASA-livestream interface

BD 4332	Brake tester with display New! Power Box included!	1 691 600 648
ST 600	Side slip tester V3.0	1 691 631 013
SN 680	EUSAMA suspension tester with noise diagnosis	1 691 620 309

Test lanes with ASA live stream and PC connection (without analogue display)

Order number

SL 4130

Max. test load/axle 2.5 t, test speed 5.2 km/h, PC trolley with printer, electromagnetic engine brake, 4 x 4 kit, ASA-livestream interface, USB converter set / software package, dongle #2 without keyboard

BD 4132	Brake tester (roller set) New! Power Box included!	1 691 600 642
	PC trolley	1 691 700 400
ST 600	Side slip tester V3.0	1 691 631 013
SA 640	EUSAMA suspension tester	1 691 620 307

SL 4135

Max. test load/axle 2.5 t, test speed 5.2 km/h, PC trolley with printer, electromagnetic engine brake, 4 x 4 kit, ASA-livestream interface, USB converter set / software package, dongle #2 without keyboard

BD 4132	Brake tester with display New! Power Box included!	1 691 600 642
	PC trolley	1 691 700 400
ST 600	Side slip tester V3.0	1 691 631 013
SN 680	EUSAMA suspension tester with noise diagnosis	1 691 620 309



PC trolley



Column (optional)



Practical, easily accessible, lockable

Accessories

Accessories for Power Box

Order number:

External emergency-shutdown switch	1 691 601 433
Column for Power Box	1 691 601 435

Accessories

Order number:

PC-trolley (including USB converter box, dongle #3, PC, 19" TFT screen, printer, mouse, keyboard, IR receiver)	1 691 700 106
Analogue display with LCD and swivel arm	1 691 600 368
Analogue display with LCD, swivel arm and aluminum post	1 691 600 372
LCD display set for the display unit for retrofitting	1 691 601 025
Pedal-force sensor (wireless version) consisting of force transducer, remote receiver, fitting set	1 691 601 401
Pluggable roller covers for BD with a roller width of 700 mm	1 691 601 010
Pluggable roller covers for BD with a roller width of 1,000 mm	1 691 602 112
Swivel-type roller covers for BD with a roller width of 700 mm	1 691 601 011
IR remote control	1 691 601 004

Subject to technical modification and changes to scope of delivery.
Pictures may sometimes show special accessories or similar versions.
Please contact your Beissbarth dealer for a binding up-to-date quotation.

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