

Dialogannahme

CAR BRAKE TESTERS

Version 2025.07.03 – Prices on request

Car brake tester BD 4131

Maximum test weight/axle 2.5 t, Test Speed 5.2 km/h, Speed sensors | without Analog display, flexible solution via customer PC (PC Kit is needed) | elektromagnetic brake, 4x4, Roller width 700 mm | Extension possibility to test lanes | New! Power-Box inclusive!

Article number: 1 691 600 644



New! Power-Box for the BD car series

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 kits allow additional connectivity options for the BD series. The integrated PC kit is designed for its installation inside the new 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
- Quick extension and conversion into a test lane is possible
- Analogue display is not required

Power-Box for the BD car series

- Compact, robust and service-friendly
- All electronics are compact and safety stowed
- Easily accessible on the wall or on column
- All electronic components are safely stored within a light-weight and easily accessible housing
- 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)

Four possibilities for PC connections

To operate with PC, one of the following kits is needed

- Integrated ICperform PC-Kit (incl. ICperform Software license and Tablet app license), part No. 1 691 601 964
- External ICperform PC-Kit (incl. ICperform Software license and Tablet app license), part No. 1 691 601 965
- Integrated ICperform PC-Kit with Remote Control (incl. ICperform Software license), part No. 1 691 601 963
- External ICperform PC-Kit with Remote Control (incl. ICperform Software license), part No. 1 691 601 966

Car brake tester BD 4131 S10

Maximum test weight/axle 2.5 t, Test Speed 5.2 km/h, Speed sensors | without Analog display, flexible solution via customer PC (PC Kit is needed) | elektromagnetic brake, 4x4, Roller width 700 mm | Extension possibility to test lanes | New! Power-Box inclusive! | 230 V / 50 Hz

Article number: 1 691 600 646



New! Power-Box for the BD car series

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

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- 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
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- Easily accessible main switch with emergency shutdown
- Integrated door pocket for the technical documentation
- Wall mount (series version) or column (optional)

Four possibilities for PC connections

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- External ICperform PC-Kit (incl. ICperform Software license and Tablet app license), part No. 1 691 601 965
- Integrated ICperform PC-Kit with Remote Control (incl. ICperform Software license), part No. 1 691 601 963
- External ICperform PC-Kit with Remote Control (incl. ICperform Software license), part No. 1 691 601 966

Car brake tester BD 4431

Maximum test weight/axle 4.0 t, Test Speed 5.2 km/h, Speed sensors | without Analog display, flexible solution via customer PC (PC Kit is needed) | elektromagnetic brake, 4x4, Roller width 700 mm | Extension possibility to test lanes | New! Power-Box inclusive!

Article number: 1 691 600 852



New! Power-Box for the BD car series

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 kits allow additional connectivity options for the BD series. The integrated PC kit is designed for its installation inside the new 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
- Quick extension and conversion into a test lane is possible
- Analogue display is not required

Power-Box for the BD car series

- Compact, robust and service-friendly
- All electronics are compact and safety stowed
- Easily accessible on the wall or on column
- All electronic components are safely stored within a light-weight and easily accessible housing
- 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)

Four possibilities for PC connections

To operate with PC, one of the following kits is needed

- Integrated ICperform PC-Kit (incl. ICperform Software license and Tablet app license), part No. 1 691 601 964
- External ICperform PC-Kit (incl. ICperform Software license and Tablet app license), part No. 1 691 601 965
- Integrated ICperform PC-Kit with Remote Control (incl. ICperform Software license), part No. 1 691 601 963
- External ICperform PC-Kit with Remote Control (incl. ICperform Software license), part No. 1 691 601 966

Integrated Icperform PC Kit with ICperform Software License and Tablet App License

Computer interface kit for installation into the new control cabinet, direct connection to the computer via USB cable (up to 1.5 m), USB board for control cabinet, USB cable, ICperform Garage Car Software License and Tablet App License (not for test lane)

Article number: 1 691 601 964



External Icperform PC Kit with Icperform Software License and Tablet App License

Computer interface kit with BUS cable for larger distances (standard 15 m, optional 30 m), USB box, USB cable, Icperform Garage Car Software License and Tablet App License (not for test lane)

Article number: 1 691 601 965



Integrated Icperform PC kit - IR with IR remote control and ICperform Software License

Computer interface kit for installation into the new control cabinet, direct connection to the computer via USB cable (up to 1.5 m), USB board for control cabinet, USB cable, remote control and receiver, ICperform Garage Car Software License (not for test lane) | Prerequisite: serial PC interface (COM) for the operation of the receiver

Article number: 1 691 601 963



External Icperform PC kit with IR remote control and Icperform Software License

PC connection kit with BUS Cable for long distances (standard 15 m, optional 30 m), USB-Box, USB cable, Remote control, ICperform Garage Car Software License (not for test lane) | Prerequisite: serial PC interface (COM) for the operation of the receiver

Article number: 1 691 601 966



Remote control

Already available in some of SW Kits, but also can be sold separately | incl. Battery

Article number: 1 691 701 018



IR receiver

Already available in some of SW Kits, but also can be sold separatly

Article number: 1 693 770 001



Extension cable for receiver | 10 m

Enabels flexibility of the IR receiver position (up to 10 m)

Article number: 1 691 603 000

Remote control and IR Receiver

incl. Battery

Article number: 1 691 701 311



PC cabinet Standard | empty

Moving trolley enables the best arrangement and positioning of all PC components | Empty trolley! To add PC component you can additionally order 1 691 810 743.

Article number: 1 691 811 250



Testlane PC with a serial interface

PC can also be bought locally | Please pay attention to the minimum requirements: • Operating system: Windows 7, Windows 10, 64 Bit • Processor: Celeron 2.7 GHz • Random access memory: 4 GB • Hard disk: 500 GB • Serial port: 2 x RS232 (COM)

Article number: 1 691 810 703



System requirements when using your separate PC:

- Operating system: Windows 7, Windows 10, 64 Bit
- Processor: Celeron 2.7 GHz
- Random access memory: 4 GB
- Hard disk: 500 GB
- Serial port: 2 x RS232 (COM)

Monitor holder 17 - 27"

Includes only the monitor holder (Monitor not included)

Article number: 1 693 740 884



Monitor holder 22 - 35"

Includes only the monitor holder (Monitor not included)

Article number: 1 693 740 911



PC gear pack for PC cabinet Standard

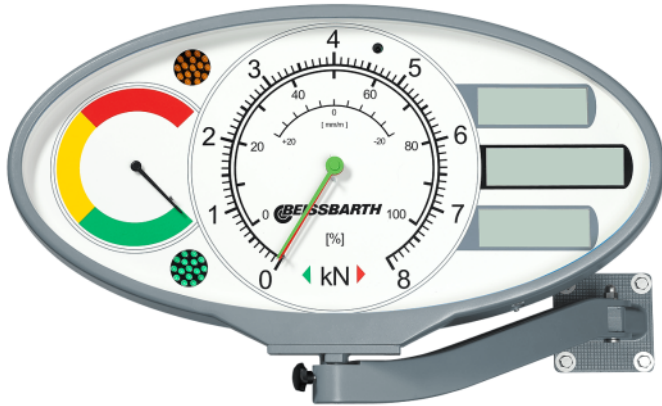
Full PC equipment | incl. PC, monitor, monitor holder, mouse, keyboard and printer

Article number: 1 691 810 743



Display RAL 7040 | analog, oval | swivel arm, IR receiver

Article number: 1 691 601 771



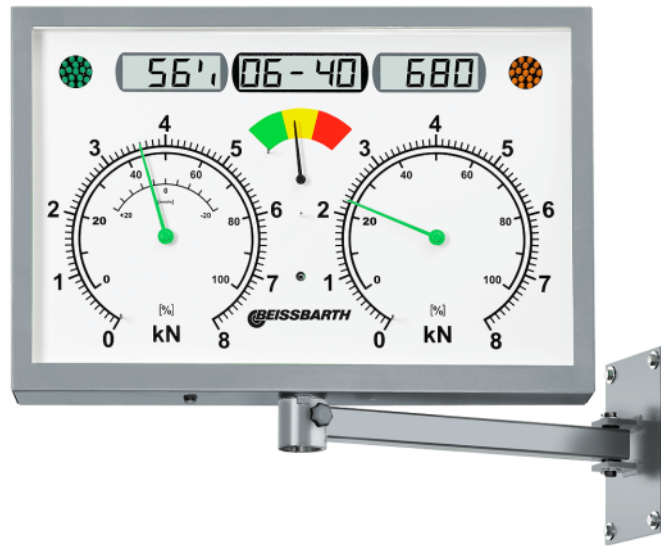
Display RAL 7016 | analog, rectangular | LCD, swivel arm, IR receiver

Article number: 1 691 601 762



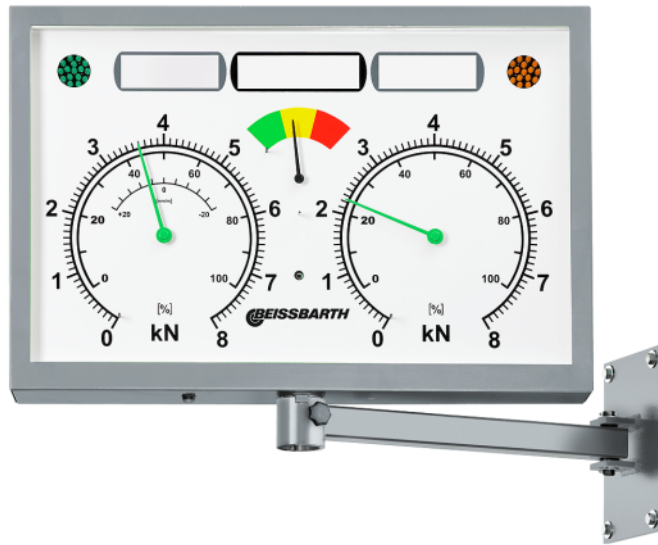
Display RAL 7040 | analog, rectangular | LCD, swivel arm, IR receiver

Article number: 1 691 601 768



Display RAL 7040 | analog, rectangular | swivel arm, IR receiver

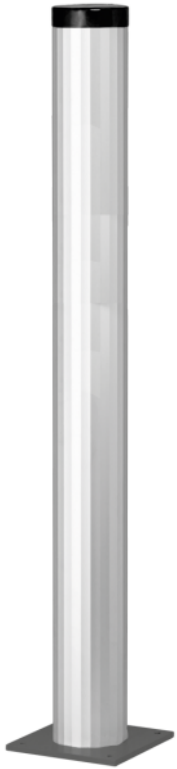
Article number: 1 691 601 776



Stand column aluminium | RAL 7016 | for TV Monitor / rectangular analog display

Alternative to wall mounting, mounting solution for TV monitors or square analogue displays | TV adapter for stand column / swivel arm (item no. 1 691 810 722) is also required to attach a TV monitor!

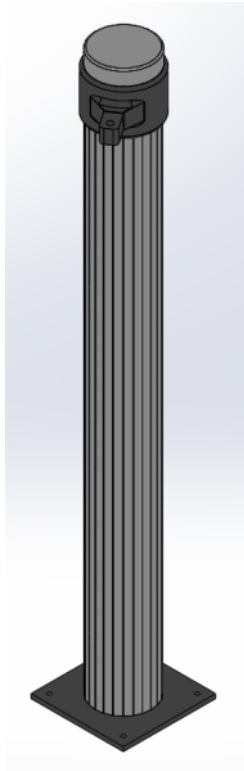
Article number: 1 691 810 722



Stand column RAL 7040 | for TV Monitor / oval analog display

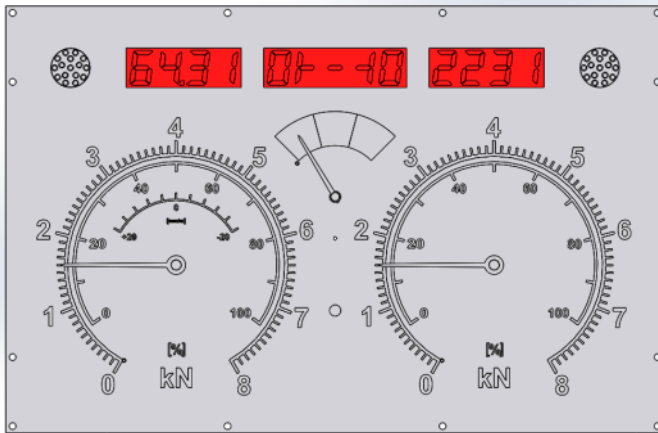
Alternative to wall mounting, mounting solution for TV monitors or oval analogue displays

Article number: 1 691 600 470



LCD Diplay set for upgrading analogue displays without an integrated LCD

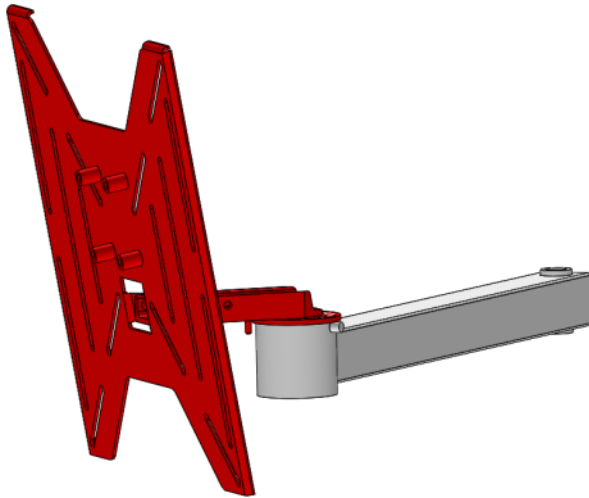
Article number: 1 691 601 025



TV adapter for stand column / swivel arm

TV mount for wall mounting on the swivel arm (item no. 1 691 601 959) or for floor mounting with stand column (item no. 1 691 810 722)

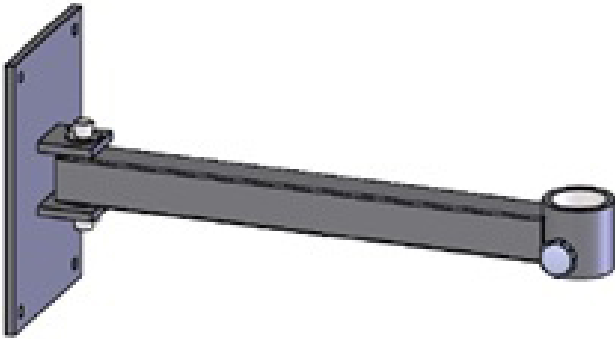
Article number: 1 691 812 325



Swivel arm for TV adapter

Scope of delivery for all analogue displays | Can also be ordered separately to mount the TV monitor on the wall (Additional TV adapter for stand column / swivel arm (item no. 1 691 812 325) required!)

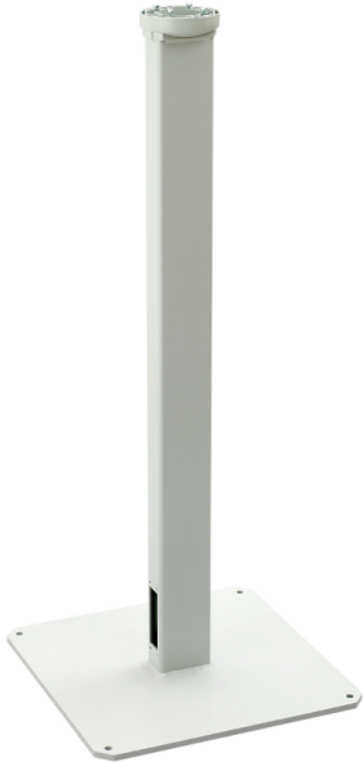
Article number: 1 691 601 959



Stand column for Power-Box

Alternative to wall mounting of the Power-Box (included with all brake testers)

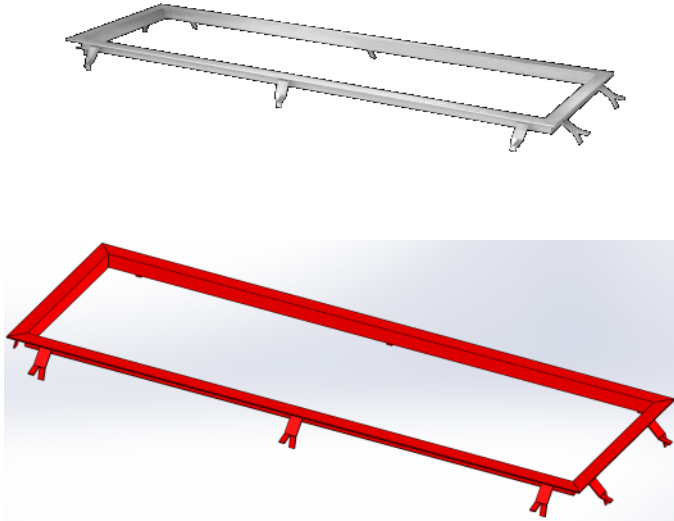
Article number: 1 691 601 435



Edge protection for car brake tester BD 4xxx, 700 mm

Edge protection for single brake tester with 700 mm roller length

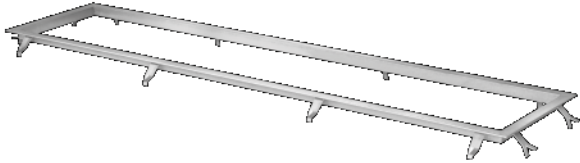
Article number: 1 691 602 000



Edge protection for car brake tester BD 4xxx, 1000 mm

Edge protection for single brake tester with 1000 mm roller length

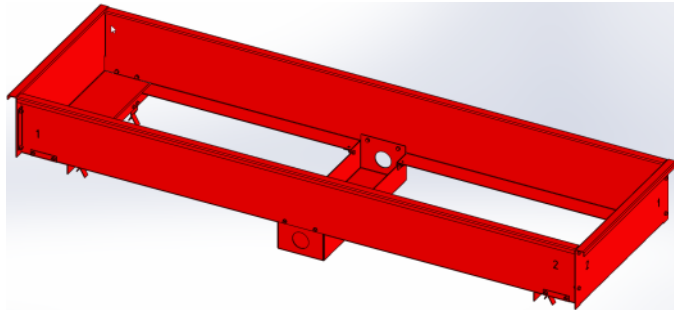
Article number: 1 691 602 151



Installation frame for car brake tester BD 4xxx, 700 mm

Installation frame for single brake tester with 700 mm roller length

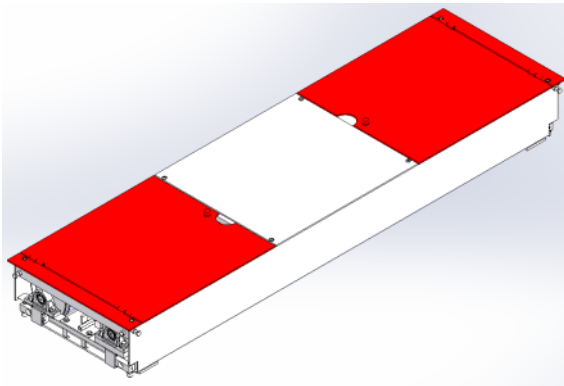
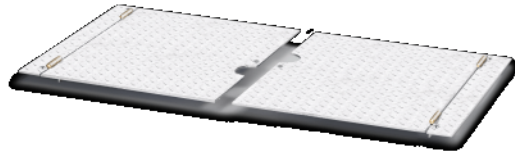
Article number: 1 691 602 115



Drive-over plate swiveling | 700 mm

Swiveling drive-over plate for roller set with 700 mm (2 pieces)

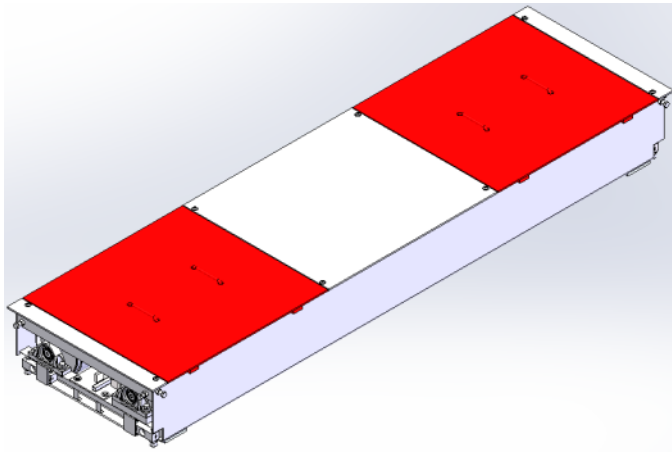
Article number: 1 691 601 011



Drive-over plate pluggable | 700 mm

Pluggable drive-over plate for roller set with 700 mm (2 pices)

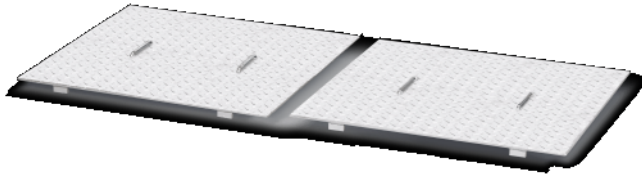
Article number: 1 691 601 010



Drive-over plate pluggable | 1000 mm

Pluggable drive-over plate for roller set with 1000 mm (2 pieces)

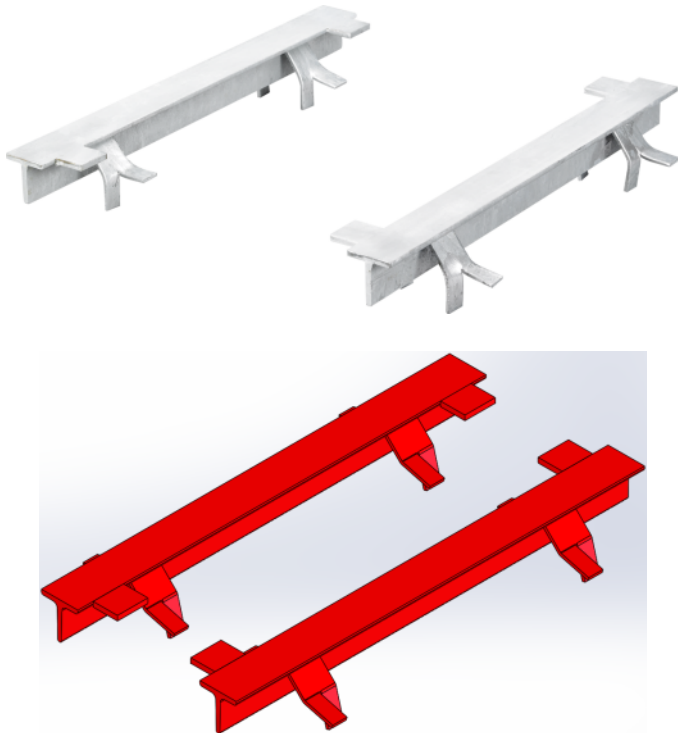
Article number: 1 691 602 112



Support strips for axle load scales | 2 pcs

This solid support is used to adjust the screws of the axle load weighting sensors. Only required when brake tester is installed without inground frame.

Article number: 1 691 601 009



Digital calibration kit for brake tester

Digital calibration kit with transport suitcase, digital sensor and calibration manual

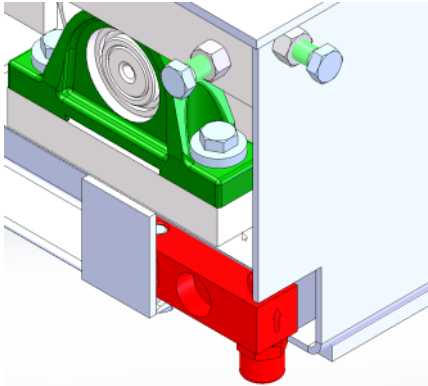
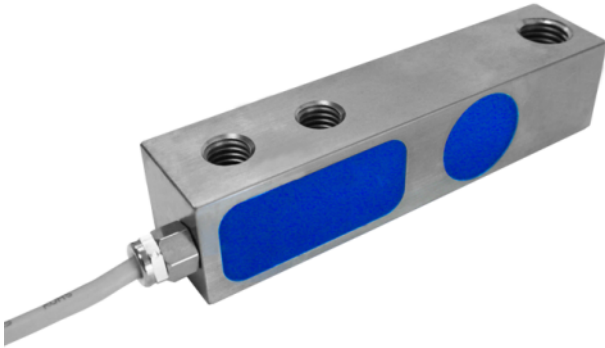
Article number: 1 691 601 392



Axle load scale 4 sensors

4 sensors used to determine vehicle axle load. Additionally requires support strips 1691601009 when brake tester is installed without inground frame.

Article number: 1 691 601 606



Pedal force wireless

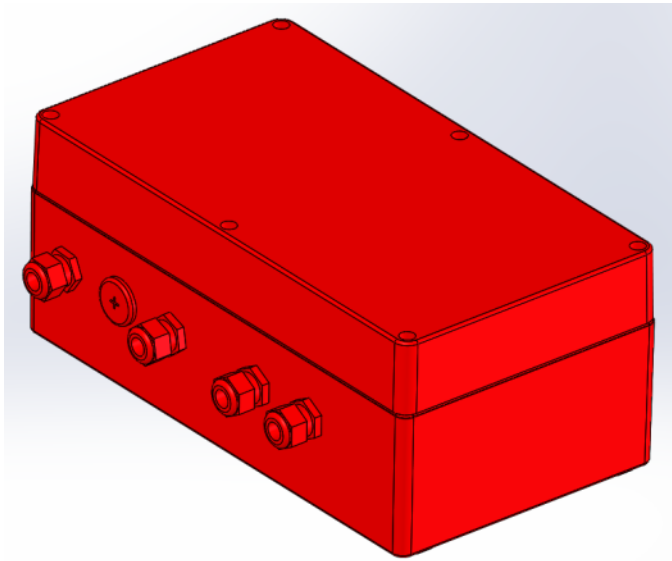
Article number: 1 691 601 401



Smooth start 230 V | special voltage for export

for smoother start of brake tester operation | for countries using 230 V

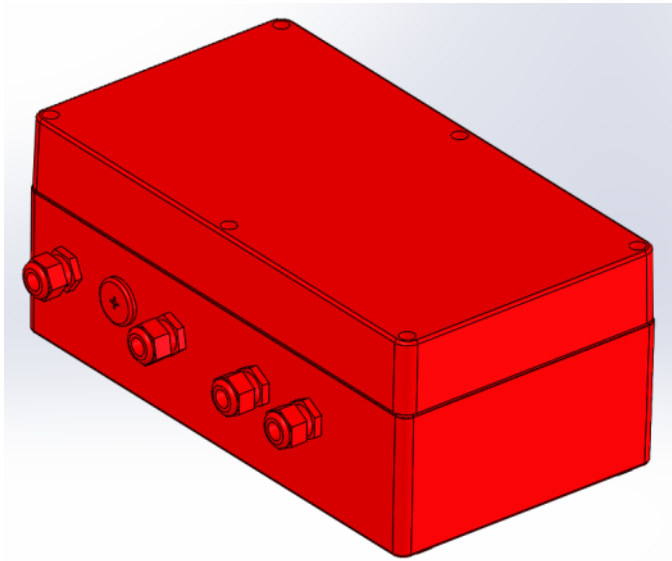
Article number: 1 691 601 438



Smooth start 400 V

for smoother start of brake tester operation | for countries using 400 V

Article number: 1 691 601 437



Cableset 400 V | Power-Box to roller set | 30 m

Extention cable for connecting the Power-Box to roller set

Article number: 1 691 601 444

Integrated PC Kit Professional IR

Integrated PC kit to be build in the Power-Box, direct connection to PC via USB cable (up to ca. 1.5 m) incl. Software, dongle #3, USB board for the Power-Box, USB cable, Bnet cable, IR receiver, IR remote control

Article number: 1 691 601 397

External PC Kit professional IR

External PC Kit with USB cable for long distance (standard 5 m, optional up to 50 m), incl. Software, dongle #3, USB box, USB cable, IR receiver, IR remote control

Article number: 1 691 601 398

Edge protection for BD 321 motorbike

Article number: 1 691 300 014

Lifting and lowering device | HUS 104 | for BD 4xxx and QB.4 brake tester | 700mm

For fully automatic lifting and lowering of the axle in and out of BD 4xxx and QB.4 brake tester with 700mm rollers

Article number: 1 691 600 015



The solution that allows the fully automated lowering and lifting of the axle in and out of the brake tester:

- Ideal for premium vehicles or cars with low ground clearance
- Easier entry and exit of the roller brake tester
- The automatic lowering and lifting respects all necessary safety requirements

Recommended for intensive use in PTI inspection centers:

- Enables a more fluid, faster and simplified procedure
- Increases the safety of the brake tester
- Increases the longevity of mechanical components (reduces undesired shocks and accelerations of the bench)
- Minimizes the risk of spoiler damage in sports cars
- Fully automated

Brake Tester QB.4 | 2200mm | 3,7kW

700mm rollers | 3,7kW | 5,2km/h | 2,5t max. test load | motor brake | AWD detection | speed sensor | ASA v1.2 | galvanized | Premium-coated rollers | with Android App

Article number: 1 691 400 100



QB.4 - the new benchmark in brake testing
Real-time control via smartphone or tablet

- Ready for mobile Android devices by default
- No cabinets, PCs, or license costs required
- Optional classic display by choice: analog, digital, or TV

No compromise on quality

- Standard motor brake
- Frame and base unit hot galvanized
- Long-lasting premium-coated rollers for high grip and low tire consumption
- Reinforced bearings and high-quality 3.7 kW motors

Next-level power box

- All electronic components safely placed outside roller set
- Flexible display options, no Windows PC needed
- RJ45 Ethernet with ASA Livestream v1.2 interface as standard

Brake testing made easy

- Automatic testing procedure
- No need for remote control
- Automatic detection for all-wheel drive
- Program for electronic parking brakes
- Optional upgrade with 4-point axle weight scales
- Fits in all common foundations

Included as standard. Where others charge extra:

- Motor brake: Increases motor lifespan, simplifies driving axle out of the brake tester
- Galvanized critical components: Protects against corrosion, increases service life
- All-wheel drive detection: Ideally equipped for all-wheel drive

and electric vehicles

- Premium-coated rollers: Maximum grip, minimum abrasion
- App use: Replaces complete analog display and PC

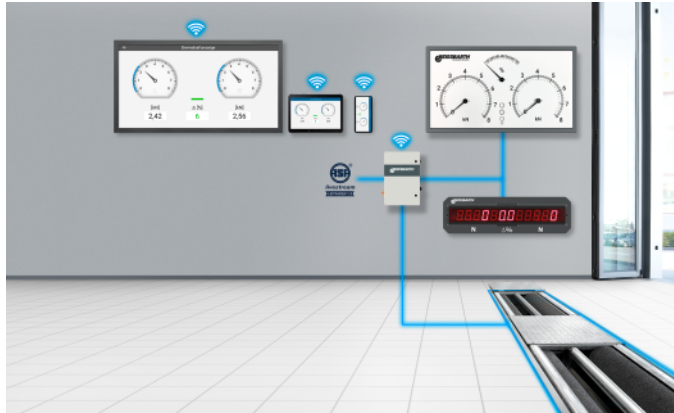
Scope of delivery:

- Brake tester with 700mm rollers
- QB.4 control cabinet with ASA Livestream v1.2
- Android app

Brake Tester QB.4 | 2800mm | 5,0kW

1000mm rollers | 5,0kW | 5,2km/h | 4,0t max. test load | motor brake | AWD detection | speed sensor | ASA v1.2 | galvanized | Premium-coated rollers | with Android App

Article number: 1 691 400 103



QB.4 - the new benchmark in brake testing
Real-time control via smartphone or tablet

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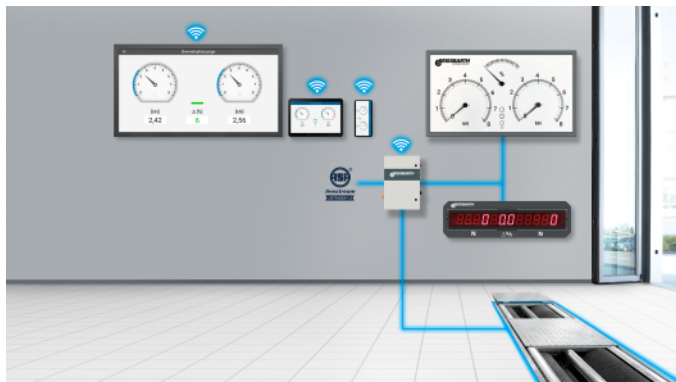
Scope of delivery:

- Brake tester with 1000mm rollers
- QB.4 control cabinet with ASA Livestream v1.2
- Android app

Brake Tester QB.4 | 2200mm | 3,7kW | Spike

700mm rollers | 3,7kW | 5,2km/h | 2,5t max. test load | motor brake | AWD detection | speed sensor | ASA v1.2 | galvanized | Spike rollers | with Android App

Article number: 1 691 400 104



QB.4 - the new benchmark in brake testing
Real-time control via smartphone or tablet

- Ready for mobile Android devices by default
- No cabinets, PCs, or license costs required
- Optional classic display by choice: analog, digital, or TV

No compromise on quality

- Standard motor brake
- Frame and base unit hot galvanized
- Spike rollers
- Reinforced bearings and high-quality 3.7 kW motors

Next-level power box

- All electronic components safely placed outside roller set
- Flexible display options, no Windows PC needed
- RJ45 Ethernet with ASA Livestream v1.2 interface as standard

Brake testing made easy

- Automatic testing procedure
- No need for remote control
- Automatic detection for all-wheel drive
- Program for electronic parking brakes
- Optional upgrade with 4-point axle weight scales
- Fits in all common foundations

Included as standard. Where others charge extra:

- Motor brake: Increases motor lifespan, simplifies driving axle out of the brake tester
- Galvanized critical components: Protects against corrosion, increases service life
- All-wheel drive detection: Ideally equipped for all-wheel drive and electric vehicles

- Spike rollers
- App use: Replaces complete analog display and PC

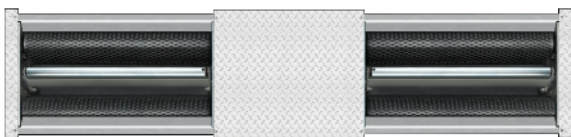
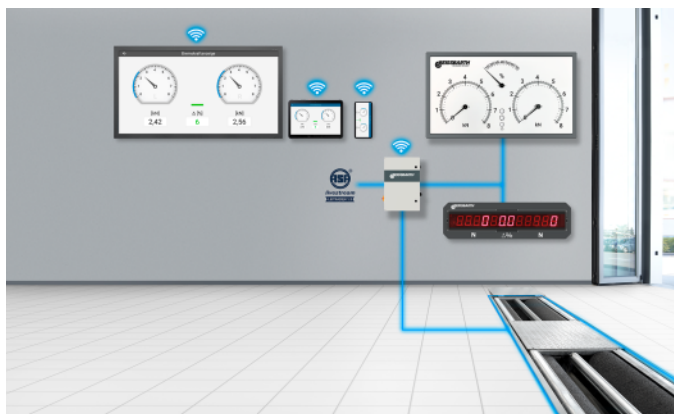
Scope of delivery:

- Brake tester with 700mm spike rollers
- QB.4 control cabinet with ASA Livestream v1.2
- Android app

Brake Tester QB.4 | 2800mm | 5,0kW | Spike

1000mm rollers | 5,0kW | 5,2km/h | 4,0t max. test load | motor brake | AWD detection | speed sensor | ASA v1.2 | galvanized | Spike rollers | with Android App

Article number: 1 691 400 105



QB.4 - the new benchmark in brake testing
Real-time control via smartphone or tablet

- Ready for mobile Android devices by default
- No cabinets, PCs, or license costs required
- Optional classic display by choice: analog, digital, or TV

No compromise on quality

- Standard motor brake
- Frame and base unit hot galvanized
- Long-lasting spike rollers for high grip and low tire consumption
- Reinforced bearings and high-quality 5.0 kW motors

Next-level power box

- All electronic components safely placed outside roller set
- Flexible display options, no Windows PC needed
- RJ45 Ethernet with ASA Livestream v1.2 interface as standard

Brake testing made easy

- Automatic testing procedure
- No need for remote control
- Automatic detection for all-wheel drive
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- All-wheel drive detection: Ideally equipped for all-wheel drive

and electric vehicles

- Spike rollers
- App use: Replaces complete analog display and PC

Scope of delivery:

- Brake tester with 1000mm spike rollers
- QB.4 control cabinet with ASA Livestream v1.2
- Android app

QB.4



Brake Tester QB.4 | 2200mm | 3,7kW

Article number: 1 691 400 100



Brake Tester QB.4 | 2800mm | 5,0kW

Article number: 1 691 400 103



Brake Tester QB.4 | 2200mm | 3,7kW | Spike

Article number: 1 691 400 104



Brake Tester QB.4 | 2800mm | 5,0kW | Spike

Article number: 1 691 400 105

Series BD 4xxx - PC ready



Car brake tester BD 4131

Article number: 1 691 600 644



Car brake tester BD 4131 S10

Article number: 1 691 600 646



Car brake tester BD 4431

Article number: 1 691 600 852

IMPORTANT NOTES

- Please notice: This list contains spare parts, too.
- Without instruction or assembly.
- Delivery ex works including packaging.

VERSION 2025.07.03 – PRICES ON REQUEST

- Starting from now all previous lists will lose their validity.
- Please read our general terms and conditions in the latest version before ordering; to be found under www.beissbarth.com.

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