



SERIES BD 4XXX - PC READY

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 safely 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

Technical Data

Max. wheel diameter	1000 mm
Weight	446 kg
Max. rim diameter	32 "
Protection class	IP 54
Length	660 mm
Height	250 mm
Measuring system	DMS
Width	2360 mm
Test speed	5,2 km/h
Coefficient of friction dry/wet	0,8 / 0,7
Roller length	700 mm
Roller elevation	25 mm
Min. rim diameter	10 "
Max. axle weight	4,0 t
Roller diameter	205 mm
Min. test width	800 mm
Max. test width	2200 mm
Packaging length	2420 mm
Packaging width	820 mm
Packaging height	700 mm
Gross weight	476 kg
Min. wheel diameter	320 mm
Roller axle distance	381 mm
Max. drive-over load	4,0 t
Height difference upper edge of roller to workshop floor	-10 mm

Accessories

1691601964	Integrated Icperform PC Kit with ICperform Software License and Tablet App License
1691601965	External Icperform PC Kit with Icperform Software License and Tablet App License
1691601963	Integrated Icperform PC kit - IR with IR remote control and ICperform Software License
1691601966	External Icperform PC kit with IR remote control and Icperform

	Software License
1691701018	Remote control
1693770001	IR receiver
1691603000	Extension cable for receiver 10 m
1691701311	Remote control and IR Receiver
1691810703	Testlane PC with a serial interface
1691811250	PC cabinet Standard empty
1691810743	PC gear pack for PC cabinet Standard
1693740884	Monitor holder 17 - 27 "
1693740911	Monitor holder 22 - 35 "
1691601771	Display RAL 7040 analog, oval swivel arm, IR receiver
1691601762	Display RAL 7016 analog, rectangular LCD, swivel arm, IR receiver
1691601768	Display RAL 7040 analog, rectangular LCD, swivel arm, IR receiver
1691601776	Display RAL 7040 analog, rectangular swivel arm, IR receiver
1691810722	Stand column aluminium RAL 7016 for TV Monitor / rectangular analog display
1691600470	Stand column RAL 7040 for TV Monitor / oval analog display
1691812324	TV Adapter for stand column
1691812325	TV adapter for stand column / swivel arm
1691601959	Swivel arm for TV adapter
1691601435	Stand column for Power-Box
1691602000	Edge protection for car brake tester BD 4xxx, 700 mm
1691602115	Installation frame for car brake tester BD 4xxx, 700 mm
1691601011	Drive-over plate swiveling 700 mm
1691601010	Drive-over plate pluggable 700 mm
1691601606	Axle load scale 4 sensors
1691601009	Support strips for axle load scales 2 pcs
1691601401	Pedal force wireless
1691601437	Smooth start 400 V
1691601444	Cableset 400 V Power-Box to roller set 30 m
1691650001	Joint play detector GST 651 230 V
1691650000	Joint play detector GST 651 400 V
1691601392	Digital calibration kit for brake tester
1691651001	Installation frame for play detector GST 651
1691600015	Lifting and lowering device HUS 104 for BD 4xxx brake tester 700mm