



SERIES BD 4XXX - PC READY

Car brake tester BD 4431 | 2200mm | 5kW

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: 1691600852

Description

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 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

Minimum PC requirements: Windows 11 Professional, CPU 3GHz (Intel Pentium Gen 12), 8GB DDR5, 512GB SSD, 6x USB, 1x RS232 (for infrared remote control), 1x LAN

Technical Data

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

Accessories

1691810703 PC For Test Lanes



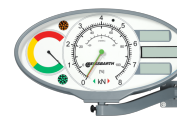
1691701018 Remote control



1693770001 IR receiver



1691601771 Display RAL 7040 | analog, oval | swivel arm, IR receiver



1691601762 Display RAL 7016 | analog, rectangular | LCD, swivel arm, IR receiver



1691601776 Display RAL 7040 | analog, rectangular | swivel arm, IR receiver



1691602000 Edge protection for car brake tester | 700 mm



1691602115 Installation frame for car brake tester | 700 mm



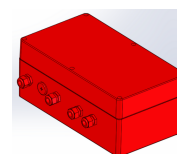
1691601606 Axle load scale 4 sensors



1691601009 Support strips for axle load scales | 2 pcs



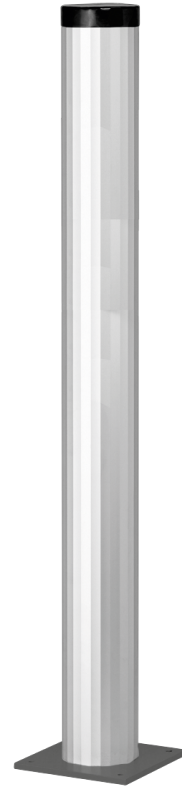
1691601437 Smooth start 400 V



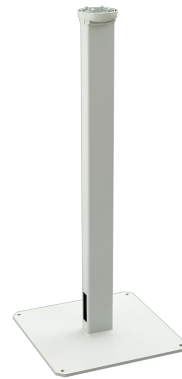
1691601444 Cables set 400 V | Power-Box to roller set | 30 m

1691601959 Swivel arm for TV adapter

		
1691650001	Joint play detector GST 651 230 V	
		
1691811250	PC cabinet Standard empty	
		
1693740884	Monitor holder 17 - 27"	
		
1691603000	Extension cable for receiver 10 m	
		
1691651001	Installation frame for play detector GST 651	
		
1691810743	PC gear pack for PC cabinet Standard	
1691810722	Stand column aluminium RAL 7016 for TV Monitor / rectangular analog display	



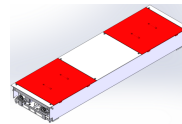
1691601435 Stand column for Power-Box



1691601401 Pedal force wireless



1691601010 Drive-over plate pluggable | 700 mm






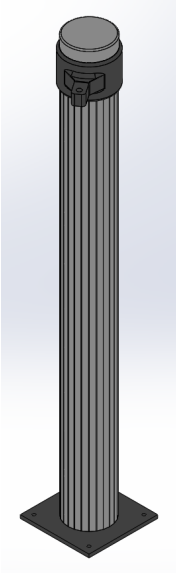
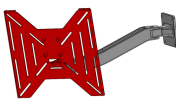
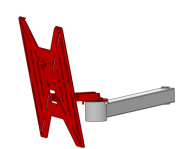
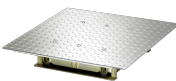
1691601011 Drive-over plate swiveling | 700 mm



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 Iperform PC kit - IR with IR remote control and ICperform Software License	
1691601966	External Iperform PC kit with IR remote control and Iperform Software License	
1691701311	Remote control and IR Receiver	
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	
1691650000	Joint play detector GST 651 400 V	
1691600015	Lifting and lowering device HUS 104 for BD 4xxx and QB.4 brake tester 700mm	