



SERIES BD 6XXX

Truck Brake Tester BD 6000 | 16t | 1100mm | 8-point scale | 230V

Article number: 1 691 810 113

Description

BD 6000: Robust mechanics, maximum reliability

Truck brake tester for premium demands

- For trucks up to 16t axle load
- Completely hot-dip galvanized
- Electromagnetic motor brake
- Quartz-coated premium rollers with 1100mm length

Fully equipped without compromise

- 8-point scale for measuring axle weight and deceleration
- 2 rotation speeds
- 4x4 automatic all-wheel drive detection
- Speed sensor
- 50 mm roller elevation for more precise and safer testing
- Including ICperform software
- Including ICperform tablet app

Display options: analog, digital or mobile

- Analog: Classic visualization on an analog display
- Digital: Full control with ICperform software on your PC
- Mobile: Measurement values directly on the tablet in the driver's seat

ICperform software – analog is so yesterday

- Additional measurement variables such as axle weight, brake force difference, minimum braking, brake pressure per axle, runout, rolling resistance, etc.
- Immediate clarity: Intuitive and quick to use
- Precise control over any axle
- Print and database function
- Connect with other devices in the test lane

ICperform via tablet app: Perform tests and control without leaving the vehicle

- No constant getting in and out of the vehicle
- Measurement values directly from the driver's seat
- Convenient control of the entire test procedure

Modularly expandable at any time

- APS3 wireless pressure sensors: wireless measurement of pressure values in truck or trailer braking systems
- BPF 200 wireless pedal force meter: wireless measurement of pedal force for high repeatability
- MSS 8400 toe tester: measures axle play and straight-line stability for wheel alignment recommendations
- GST8508 and GST8600 joint play testers: quick detection of defects and wear in the wheel suspension

Scope of delivery:

- 2x roller set with weighing function
- Control cabinet
- 15 m cable set
- ICperform software
- ICperform tablet app

Note: a PC is required to operate the ICperform software. This should meet the following minimum requirements: Windows 7 or higher (64 bit) and 2x RS232 serial (COM) interface. The additional use of a tablet requires a PC with ICperform software and a Wi-Fi network with router.

Technical Data

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|---------------------------------------|-----------------------|
| Max. wheel diameter | 1200 mm |
| Protection class | IP 54 |
| Length | 1400 mm |
| Height | 666 mm |
| Electrical connection | 400 V |
| Measuring system | - DMS |
| Width | 1151 mm |
| Max. axle load testable | 16 t |
| Coefficient of friction dry/wet | 0,8 / 0,7 |
| Roller length | 1100 mm |
| Roller elevation | 50 mm |
| Roller diameter | 280 mm |
| Min. test width | 900 mm |
| Max. test width | 2900 mm |
| Min. wheel diameter | 450 mm |
| Roller axle distance | 438 mm |
| Weight without lifting device approx. | 710 kg |
| Motor connection cable | 7 x 4 mm ² |
| Gear ratio | 1 / 17,27 |
| Test speed (low) | 2,3 km/h |
| Test speed (high) | 4,6 km/h |
| Motor revolution speed (low) | 1450 rpm |
| Motor revolution speed (high) | 2950 rpm |
| Roller revolution speed (low) | 43,4 rpm |
| Roller revolution speed (high) | 87,6 rpm |
| Motor power (low) | 2 x 10 kW |
| Motor power (high) | 2 x 12,5 kW |
| Number of test speeds | 2 |

Accessories

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|---------------|---|
| 1 691 811 083 | Assembling case BD 6xxx / 1100 mm without pit |
| 1 691 811 084 | Assembling case BD 6xxx / 1100 mm with pit |
| 1 691 810 704 | IR remote control Truck |

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| 1 691 810 702 | IR Kit Truck |
| 1 691 810 703 | Testlane PC with a serial interface |
| 1 691 811 250 | PC cabinet Standard empty |
| 1 691 810 743 | PC gear pack for PC cabinet Standard |
| 1 693 740 884 | Monitor holder 17 - 27 " |
| 1 693 740 911 | Monitor holder 22 - 35 " |
| 1 691 810 750 | Display RAL 7016 analog, rectangular LCD, svivel arm, IR receiver |
| 1 691 810 722 | Stand column aluminium RAL 7016 for TV Monitor / rectangular analog display |
| 1 691 810 723 | Pit safety PSC2 cross 2,5m |
| 1 691 810 724 | Pit safety PSC2 cross 1,5/2,5m |
| 1 691 810 725 | Pit safety PSC2 cross 2,5/2,5m |
| 1 691 810 726 | Pit safety PSC1 long 15m |
| 1 692 100 102 | Swivel bracket PSC1 |
| 1 691 810 735 | Warn-System for air pressure sensors |
| 1 691 811 539 | Retrofit set for VDO tachograph test BD 6xxx left |
| 1 691 811 126 | Adaptation kit for Semmler Tachocontrol BD6xxx left |
| 1 691 601 392 | Digital calibration kit for brake tester |
| 1 693 770 658 | Air pressure sensors Truck APS 3 |
| 1 693 770 673 | ASA/APS3 wireless connection kit Truck 433Mhz |
| 1 691 810 717 | Kit 4x drive-over plates BD6xxx & BD8xxx 1000mm & 1100mm |