



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

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 <sup>2</sup>
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

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

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
1 691 810 724	Pit safety PSC2   cross
1 691 810 725	Pit safety PSC2   cross
1 691 810 726	Pit safety PSC1   long
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