



SERIES BD 7000

Truck Brake Tester BD 7000 | 13t | 1000mm | 8-point scale | +200mm lifting

Article number: 1691880110

Description

BD 7000: The all-rounder for axle loads up to 13 tons

Combo brake tester BD 7000: the best of both worlds

- For cars and trucks with an axle load of up to 13 tons
- Fully galvanized
- Electromagnetic engine brake
- Quartz-coated premium rollers with a length of 1000 mm

Fully equipped without compromise

- 8-point scale for measuring axle weight and deceleration
- 2 rotation speeds
- 4x4 Automatic all-wheel drive detection
- ASA livestream
- Speed sensor
- 32mm roller elevation for precise and safe testing
- Including ICperform software
- Including ICperform tablet app

Hydraulic load simulation: testing without stopping

- Lifting device for load simulation with 200 mm stroke
- Saves manual lashing with tensioning straps or chains on each individual axle
- Convenient operation from the driver's cab, without getting out
- Suitable for trucks, trailers and semi-trailers
- Particularly recommended for empty or light trucks
- Compact integration into the roller housing

Choice of display: analog, digital or mobile

- Analog: classic display via analog display
- Digital: full control with ICperform software on the PC
- Mobile: measured values directly on the tablet in the driver's seat

ICperform software – analog was yesterday

- Clarity at first glance: intuitive and quick to use
- Targeted control of any axle
- Clear display of axle weight, brake force difference, minimum braking rate, brake pressure per axle, runout, rolling resistance, etc.
- Print and database function
- Networking with other test devices in the test lane

ICperform via tablet app: Test and control without getting out

- No constant getting in and out
- Measured values directly in 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 pressure for accurately repeatable braking
- MSS 8400 quick-track tester: measures axle play and straight-line stability for axle 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 and hydraulic load simulation
- Control cabinet incl. ASA livestream
- 30 m cable set
- ICperform software
- ICperform tablet app

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. The additional use of a tablet requires a PC with ICperform software and a Wi-Fi network with router.

Technical Data

Electrical connection	400 V
Length	1300 mm
Height	680 mm
Width	1140 mm
Max. wheel diameter	1000 mm
Measuring system	- DMS
Roller length	1000 mm
Roller elevation	32 mm
Roller diameter	205 mm
Min. test width	900 mm
Max. test width	2900 mm
Min. wheel diameter	320 mm
Roller axle distance	398 mm
Weight with lifting device approx.	700 kg
Motor connection cable	7 x 4 mm ²
Test speed (low)	2 km/h
Test speed (high)	4 km/h
Motor revolution speed (low)	1435 U/min
Motor revolution speed (high)	2915 U/min
Roller revolution speed (low)	57 U/min
Roller revolution speed (high)	117 U/min
Motor power (low)	2 x 6,5 kW
Motor power (high)	2 x 8,5 kW
Max. axle load testable	13 t
ASA livestream	ja Serienmäßig

Accessories

1691810704 IR remote control Truck



1691810735 Warn-System for air pressure sensors



1691880706 Adaptation kit for Semmler Tachocontrol BD7xxx | 13 to



1691811250 PC cabinet Standard | empty



1693740884 Monitor holder 17 - 27"



1693770658 Air pressure sensors | Truck | APS 3



1691810750 Display RAL 7016 | analog, rectangular | LCD, svivel arm, IR receiver



1693770673 ASA/APS3 wireless connection kit | Truck | 433Mhz



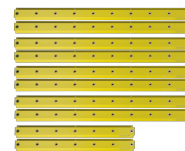
1691880704 Kit 4x drive-over plates | BD7xxx



1691810734 Wired pedal force tester APS1 | PD



1691810725 Pit safety PSC2 | cross | 2,5/2,5m



1691810702 IR Kit Truck



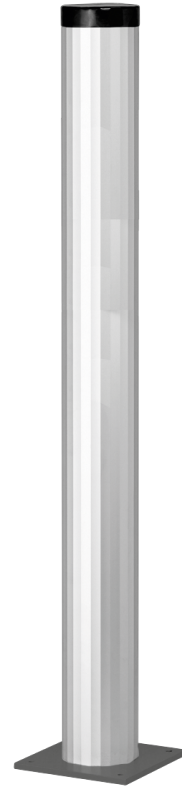
1691810703 PC For Test Lanes



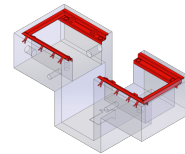
1691810743 PC gear pack for PC cabinet Standard



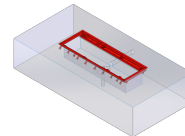
1691810722 Stand column aluminium | RAL 7016 | for TV Monitor / rectangular analog display



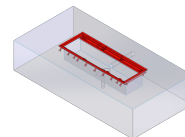
1691880700 Built-in frame BD 7xxx / 1000 mm / 13 to | separated, with pit



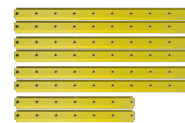
1691880702 Built-in frame BD 7xxx / 1000 mm / 13 to | track width 2800 mm | non-separated (w/o pit)



1691880703 Built-in frame BD 7xxx / 1000 mm / 13 to | track width 2900 mm | non-separated (w/o pit)



1691810724 Pit safety PSC2 | cross | 1,5/2,5m



1693770659 Air pressure sensor Px universal | for APS3

