



CARTEC

BDE 5004 A - 20 t - Roller brake tester, 20 t axle load



Key Features

- Analogue display, double scale: display range 0-8 / 0-40 kN
- Power cabinet
- Two-part zinc-coated roller set
- Rollers with wear-proof plastic coating on welded expanded metal
- Elevated rear rollers: 50 mm
- Splash-proof motors
- Rust-proof feeler rolls
- Measurement with wear-free strain-gauge type load cells
- Electric automatic drive-off aid
- Automatic test sequence
- Interface for printer / PC
- Determination of braking force, braking force imbalance, rolling friction, ovality
- Automatic switching in and re-start
- Automatic or manuell operation mode
- Cut-out at wheel lock
- Permanent determination of braking force imbalance
- Automatic zero adjustment
- Error check routine
- Measurement indication for cars and trucks

Specifications

Brake tester - Axle weight max. (t)	20
Brake tester - Roller diameter (mm)	255
Brake tester - Roller length (mm)	1000
Brake tester - Roller elevation (mm)	50
Brake tester - Roller coefficient: dry / wet	0.9 / 0.5
Brake tester - Idling speed (km/h)	3.2
Brake tester - Temperature range (°C)	0 - 70
Brake tester - Power supply (V / Hz)	400 / 50
Brake tester - Supply lead (mm ²)	5 x 16
Brake tester - Fuse rating, slow-blow (A slow-blow)	3 x 80
Brake tester - Motor power (kW)	2 x 15
Brake tester - Height (mm)	2 x 1360
Brake tester - Width (mm)	2 x 920
Brake tester - Depth (mm)	2 x 720
Brake tester - Weight (kg)	2 x 870
Display cabinet - Measuring range (kN)	0 - 8 / 0 - 40
Display cabinet - Height (mm)	900
Display cabinet - Width (mm)	900
Display cabinet - Depth (mm)	200
Display cabinet - Weight (kg)	50
Control cabinet (E box) - Height (mm)	600
Control cabinet (E box) - Width (mm)	800
Control cabinet (E box) - Depth (mm)	200
Control cabinet (E box) - Weight (kg)	
box) - Weight (kg)	

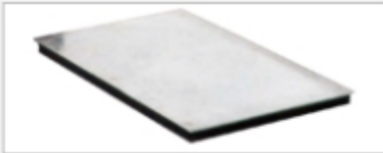
Options

Kit 4WD mode
Side-slip tester SSP 4000
Load simulator NSV 4000
Wheel / axle load weighing unit
Safety device for pit installation (Mandatory for use in Germany)
Roller cover plates, traversable - plug-in type
Pedal pressure transducer
Air pressure transducers
Infrared remote control
Column or swivel wall support for display cabinet
8-digit LED for axle load weighing system, track, pedal pressure
PC upgrade and PC equipment
SP Software (TAK version)
Tacho Control

Delivery

Analogue display cabinet, display range 0-8/0-40 kN
Power cabinet
Roller set
30 m connecting lead

Components



SSP 4000

Test plate, zinc-coated
Quick diagnosis of the track
Check-up of track toe-in / toe-out

Axle weight max. (t): 20
Height (mm): 70
Width (mm): 800
Depth (mm): 1000
Weight (kg): 153



NSV 4000

hydraulic aggregate
hydraulic cylinder
loops
chains with hooks
control cabinet

simulation of any axle load thus obtaining the brake pressure under load conditions as well as the travel of the spring system.
In addition, you will be able to check the axle load-controlled braking device on air-suspended vehicles.

Load Simulator - Max. load simulating force (t): 10
Load Simulator - Operating pressure (bar): 150
Load Simulator - Stroke max. (mm): 300
Load Simulator - Delivery rate (l/min): 5.2
Load Simulator - Capacity (l): 17
Load Simulator - Hydraulic unit - Height (mm): 500
Load Simulator - Hydraulic unit - Width (mm): 395
Load Simulator - Hydraulic unit - Depth (mm): 200

Designed
for the

Pedidos:

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