

STANDARD EQUIPMENT

Universal Brake Tester

Control Cabinet

Test Control through Remote Control

Graphical and Numerical Displays

Working Cycle Counter

Rating Performance, Ovality and Differences

Automatic Start/Stop and Self-Check

Star-Delta Starting/Delayed Start

Electric Blockage of Rollers

Independent Measuring System For Each Wheel

Welded Steel or Synthetic Fiber Rollers

Elevated Rear Roller

Communication: USB/RS232/Ethernet



Max Axle Load 13 Tn.

Motor 2 x 9 kW

Max Track Width 2,840 mm

Min Track Width 850 mm

The Universal Brake Tester performs a quick, effective and reliable assessment of the state of the braking system of a vehicle. The system consists of two mechanically welded steel frames, one for each wheel of the same axle. Frames are mounted with rollers ensuring adequate adhesion for a successful brake test.

Built to support weight loads of up to 13 Tn, the frame incorporates safety systems and powerful motors which drag rollers and strain cells to report the measured braking force continuously during a vehicle test.

The Universal Brake Tester has the ability to adapt the brake test to the new requirements set by the latest ISO 21069 standard revision.

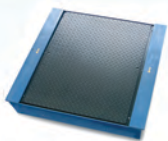
TECHNICAL DATA

Maximum Axle Load	13 Tn.
Drive Motors	2 x 9 kW (S2)
Test Speed	3 km/h
Track Width Max/Min	2,840mm/850mm
Voltage	400 V 50 Hz Threephasic
Protection Fuse	3 x 50 A
Thermal Protector	2 x 25 A
Roll Diameter	208mm
Length of Rollers	990mm
Useful Length of Rollers	990mm
Distance Between Centers	446mm
Lifting Height Rear Roller	40mm
Measurement Indication Error	1%
Friction Coefficient	0.9 Dry / 0.7 Wet
Measurement Ranges	0-8kN / 0-40 kN
Measurement Gap	10N

DIMENSIONS

Bench Dimensions	1,300 x 1,040 x 650 mm
Packed Bench Dimensions	1,400 x 1,100 x 800 mm
Bench Weight	750 Kg
Packed Bench Weight	800 Kg
Cabinet Dimensions	680 x 570 x 1,350 mm
Packed Cabinet Dimensions	850 x 760 x 1,600 mm
Cabinet Weight	120 Kg
Packed Cabinet Weight	150 Kg

OPTIONAL EQUIPMENT



Side Slip Aligner



Rugged Tablet



Roller Platform Covers



Voltage Stabilizer



Wireless Pedal Dynamometer



Calibration Lever



Vehicle Axle Weight Scale



Wireless Pneumatic Pressure Converter



Calibration Weight



Hydraulic Load Simulator



Converter Holder & Missed Alert Software



Load Simulation/ Lift Hydraulic Desk

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