

FRQ BRAKE TESTER

worldwide[®]
environmental



STANDARD EQUIPMENT

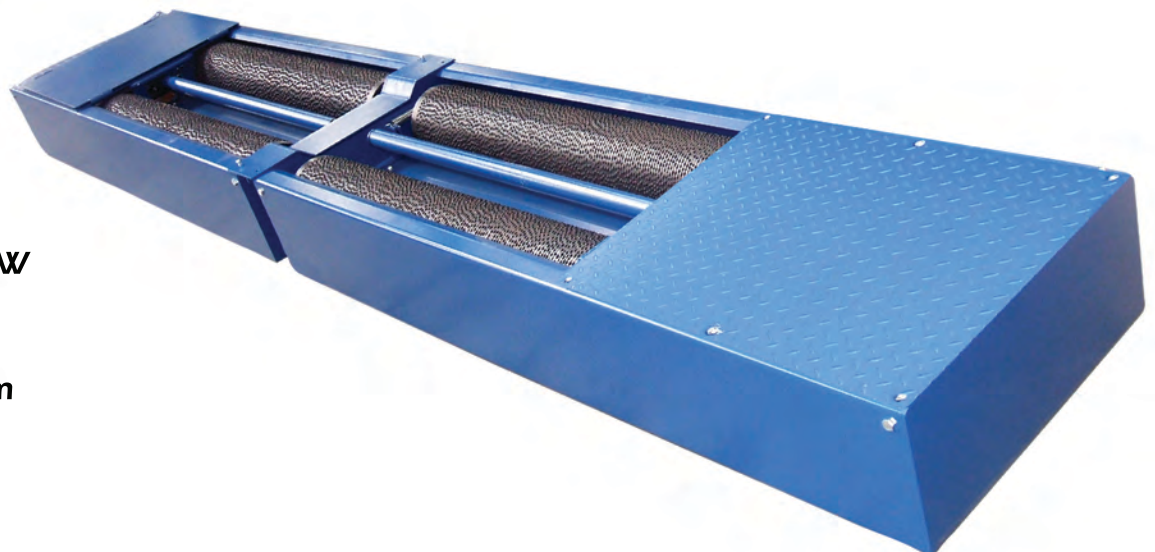
Brake Roller Bench
Control Cabinet
Test Control through Remote Control
Graphical and Numerical Displays
Working Cycle Counter
Automatic Self-Check
Automatic & Manual Start/Stop
Extensiometric Band System of Measurement
Welded Steel Coated Rollers
Software to test 4WD Vehicles
Communication: USB/RS232/Ethernet

The FRO Brake Tester performs a quick and effective verification of the operating status of the brake control in the vehicle by accurately measuring the maximum braking in the front and rear axles, hand brake, and existing ovality in the disc and drum of the brake system.

Designed for testing cars, quads, mopeds and motorcycles, the system consists of a bed of rollers which ensure perfect adhesion of the tires in adverse conditions and is equipped with strain gauges to measure the braking effort.

The frame carries independent motors as well as an incorporated safety system that detect the presence of the vehicle during the entire test and the loss of adhesion of the wheels at the time of measurement.

Controls are operated through a computer or remote control with graphical and numerical data clearly displayed to ensure an efficient, effective test of the vehicle braking systems.



Max Axle Load 4 Tn.

Motor 2 x 4.6 kW

Max Track Width 2,134 mm

Min Track Width 220 mm

TECHNICAL DATA

Maximum Axle Load	4 Tn.
Drive Motors	2 x 4.6 kW
Test Speed	6 km/h
Maximum Track Width	2,134 mm
Minimum Track Width	220 mm
Voltage	400 V 50Hz Threephasic
Protection Fuse	3 x 25 A
Thermal Protector	2 x 12.5 A
Roll Diameter	208 mm
Length of the Rollers	995 mm
Distance Between Centers	400 mm
Friction Coefficient	0.9 Dry / 0.7 Wet
Measurement Ranges	0-6 kN
Measurement Gap	10 N
Measurement Indication Error	1%

DIMENSIONS

Equipment Dimensions	3,720 x 680 x 285 mm
Bench Dimensions	1,830 x 680 x 285 mm
Packed Equip. Dimensions	2,400 x 800 x 930 mm
Equipment Weight	560 Kg
Packed Equipment Weight	640 Kg

Cabinet Dimensions	420 x 620 x 1,850 mm
Packed Cabinet Dimensions	500 x 680 x 2,000 mm
Cabinet Weight	55 Kg
Packed Cabinet Weight	80 Kg

OPTIONAL EQUIPMENT



Voltage Stabilizer

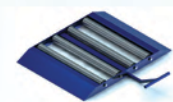


Rugged Tablet

Data Display
Terminals



Wireless Pedal
Dynamometer

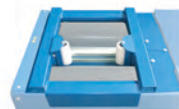


Autoportable 4WD
Rollers Set

Civil Works Frame



Calibration Weight
(6/10/30 kg)



Motorbike Software
& Mechanical Kit

Ramps for Ground
Mount without
Civil Works



Calibration Lever



Platform Roller
Covers (2 Units)

Duplicate
Cabinet



Configuration &
Installation



Bidirectional
Measuring



Computer/Print
Equipment

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environmental

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