Metrix+™
Innovative Excellence

DIGITAL FORCE GAUGE

DFG VB 01

Measure vehicle brake force

Measuring principle

Force gauges use force sensor, or load cells, which converts mechanical force to electrical signal to measure the force applied. The applied force can be a push or pull, tensile or compressive strain, which outputs the relevant electric signal, to estimate force.

Applications

Force gauges are useful in any application where force measurement is important. This Vehicle Brake force tester can be used to measure the force of pedal brakes, hand brake and other types of brakes of motor vehicles. Useful in safety testing of vehicles, for automotive industry, agricultural machinery, scientific research dept, teaching equipment in universities, performance testing, etc.

Features

- Included Pedal force transducer and handbrake force sensor
- 2 reversed backlit LCD for easy readability
- Max data hold, Convertible measurement units: N, kg, lb
- Battery or external power supply





Handbrake force sensor



Pedal force transducer

Technical Specifications

Model	*Metrix+* DFG VB 01
Range	100kgf/ 1000N/ 220Lbf
Resolution	0.01kgf/ 0.1N
Measuring accessories	Pedal force sensor, hand brake sensor
Accuracy	±0.5% FS ±1 digit
Units	Kgf, N, lbf
Display	2 reversed backlit display for convenient readability
Safe load	150% FS (buzzer alarm over 110% FS)
Power	2 x 1.5V AA batteries or 5V DC power supply
Features	Max hold, backlit display, low battery indication, auto power off
Operating	Temp: 0~40C, Humidity <80% RH
Dimensions	211 x 80 x 36mm, approx. 390g
Surrounding	No vibrating source or corrosive medium
Std accessories	Main unit, measuring accessories, manual, case



Model and Specifications subject to change without notice.