

Digital Force Gauge



Model: FM-207-200K
FM-207-500K
FM-207-1000K

Applications

The digital force gauge is a kind of simple and convenient functional instrument for high-accuracy push force and pull force test. It is widely used in electronics, building hardware, textile, auto parts, ignition device such as lighter, fire fighting equipment, pen manufacturing, lock manufacturing, fishing gear, chemical, power machinery, scientific research institutions and other industries.

Features

- * High accuracy and high resolution.
- * Digital display with no guessing or errors.
- * With 4 measurement unit for selection, N, kg, lb.
- * With peak value hold function.
- * Can memorize 99 groups of data.
- * With 10 minutes auto power off and manual power off.
- * Either alkaline battery Power supply or 6V DC power.
- * Use USB cable or Bluetooth adapter for data output.

Accessories

Standard Accessories	Digital Force Gauge
	Sensor (M12 Screw Hole)
	2 Suspension Links
	Manual
	Carrying Case
Optional Accessories	CD
	USB Data Cable
	Bluetooth Adapter
	Power Adapter

Specifications

Model	FM-207-200K	FM-207-500K	FM-207-1000K
Force Range	± 200kgf	± 500kgf	± 1000kgf
	± 1960N	± 4900N	± 9800N
	± 440Lbf	± 1100Lbf	± 2200Lbf
Resolution	0.01kgf (<100kgf) 0.1kgf (≥100kgf)	0.01kgf (<100kgf) 0.1kgf (≥100kgf)	0.01kgf (<100kgf) 0.1kgf (≥100kgf)
	0.1N (<1000N) 1N (≥1000N)	0.1N (<1000N) 1N (≥1000N)	0.1N (<1000N) 1N (≥1000N)
	0.1Lbf	0.1Lbf (<1000Lbf) 1Lbf (≥1000Lbf)	0.1Lbf (<1000Lbf) 1Lbf (≥1000Lbf)
Accuracy	±0.2%FS ± 1Digit		
Unit	kgf, N, Lbf		
Measurement State	Peak Value, Real Time Measurement		
Display	2 Reversed 4 Digit LCD		
Power Off	10 Mins Auto Power Off, Manual Power Off		
Backlight	Blue Backlight		
Safe Load	150%FS (Buzzer Alarm Over 110%FS)		
Data Output	USB, Bluetooth		
Power Supply	2x1.5 AA(UM-3) Battery or 6VDC Power		
Operating	Temperature: 0~40°C		
Conditions	Humidity: <80%		
Surrounding	No Vibration Source or Corrosive Medium		
Weight	1165g		
Case Size	175x80x36 mm		
Senor Size	181x54x30 mm		