

AMITTARI INSTRUMENTS

Digital Force Gauge FG-104-200K/500K/1000K/2000K/5000K

Product Descriptions

The digital force gauge is a kind of simple and convenient multifunctional 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 and other industries. For the push and pull load test, plug and unplug force test and destructive test etc.

Product Features

- High accuracy and high resolution. Digital display with no guessing or errors.
- With 4 measurement unit for selection and conversion, N, kg, lb, g.
- With peak value hold function.
- With 10 minutes auto power off and manual power off.
- Power can be supplied by either alkaline battery or 6V DC power.



Product Specifications

Model	FG-104-200K	FG-104-500K	FG-104-1000K	FG-104-2000K	FG-104-5000K
Force Range	±200kgf	±500kgf	±1000kgf	±2000kgf	±5000kgf
	±1960N	±4900N	±9800N	±19600N	±49000N
	±440Lbf	±1100Lbf	±2200Lbf	±4400Lbf	±11000Lbf
Resolution	0.01kgf (<100kgf) 0.1kgf (≥100kgf)	0.01kgf (<100kgf) 0.1kgf (≥100kgf)	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)	0.1N (<1000N) 1N (≥1000N)	0.1N (<1000N) 1N (≥1000N)
	0.1Lbf	0.1Lbf (<1000Lbf) 1Lbf (≥1000Lbf)	0.1Lbf (<1000Lbf) 1Lbf (≥1000Lbf)	0.1Lbf (<1000Lbf) 1Lbf (≥1000Lbf)	0.1Lbf (<1000Lbf) 1Lbf (≥1000Lbf)
Accuracy	± 0.5%FS ± 1Digit				
Unit	kgf, gf, N, Lbf				
Measurement State	Peak Value Measurement, Real Time Measurement				
Display	2 Reversed 4 Digit Lcd				
Power Off	10 Minutes Auto Power Off, Manual Power Off				
Backlight	Blue Backlight				
Safe Load	150%FS (Buzzer Alarm Over 110%FS)				
Power Supply	2x1.5 AA(UM-3) Battery or 6V DC Power Supply				
Operating Conditions	Temperature: 0~40°C				
	Humidity: <80%				
Surrounding	No Vibration Source or Corrosive Medium Around				
Weight	1165g				
Size	Main Unit: 175x80x36mm Sensor: 175x80x36mm				