



## FG-107 Series - - Features and Benefits

- 4 measurement unit for selection and conversion, N, kg, lb, g
- Peak value hold function
- Data memory function, can memorize 99 groups of data
- Data output function. Measurement data can be transmitted to computer by USB or Bluetooth for various analysis(Optional)
- 10 minutes auto power off and manual power off
- Power can be supplied by either alkaline battery or 6V DC power

### OverView

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

Main Specifications	Specification	FG-107-1K	FG-107-2K	FG-107-5K	FG-107-10K	FG-107-20K	FG-107-50K	FG-107-100K
Force Range	±1kgf	±2kgf	±5kgf	±10kgf	±20kgf	±50kgf	±100kgf	
	±1000gf	±2000gf	±5000gf	-----	-----	-----	-----	
	±9.8N	±19.6N	±49N	±98N	±196N	±490N	±980N	
	±2.2Lbf	±4.4Lbf	±11Lbf	±22Lbf	±44Lbf	±110Lbf	±220Lbf	
Resolution	0.001kgf	0.001kgf	0.001kgf	0.001kgf	0.01kgf	0.01kgf	0.01kgf	
	1gf	1gf	1gf	-----	-----	-----	-----	
	0.001N	0.01N	0.01N	0.01N	0.1N	0.1N	0.1N	
	0.001Lbf	0.001Lbf	0.01Lbf	0.01Lbf	0.01Lbf	0.1Lbf	0.1Lbf	
Accuracy	± 0.2%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)							
Data Output (Optional)	USB, Bluetooth							
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							
Dimension	211mm*80mm*36mm							
Weight	390g							

### Buying Guide

When you choose the model number of Amittari instrument, the default is standard delivery. If you need other optional accessories, please tell our customer -service worker.

The following three items are basic optional accessories choices

Standard Accessories+**USB** data output

Standard Accessories+**Bluetooth** data output