



## 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						