FG Series Digital Force Gauge

FG Series Digital Force Gauge is designed for tension and compression force testing in many applications, such as medical device & pharmaceutical, Automotive, Springs, Aerospace, Electronics, Packaging, Consumer Products & Sports Equipment, Ergonomics Testing & Job Task Analysis, Food & Beverage and Other Industries.

Specification（Sensor inside）

Model	FG-10	FG-20	FG-50	FG-100	FG-200	FG-500	FG-1000
Capacity	10 N	20 N	50 N	100 N	200 N	500 N	1000 N
Resolution	0.002 N	0.005 N	0.01 N	0.02 N	0.05 N	0.1 N	0.2 N
Accuracy	0.3% FS						
Units	N,kgF,lbF						
Power	AC or Li rechargeable battery						
Battery Life	Backlight On/Off: 18/36 hours for continuous use						
Net Weight	1.2 kgs						
Environmenta Requirement	Work temperature: 5℃−45℃ Relative humidity: 35%-65%HR						

Specification（Sensor outside）

Model	FG-1K	FG-2K	FG-5K	FG-10K	FG-20K	FG-50K
Capacity	1000 N	2000 N	5000 N	10000 N	20000 N	50000 N
Resolution	0.2 N	0.5 N	1 N	0.002 KN	0.005 KN	0.01 KN
Accuracy	0.5% FS					
Units	N,kgF,lbF			kN, tF, klbF		
Power	AC or Li rechargeable battery					
Battery Life	Backlight On/Off: 18/36 hours for continuous use					
Net Weight	1.5 kgs			1.9 kgs		
Environmenta Requirement	Work temperature: 5℃−45℃ Relative humidity: 35%-65%HR					

Features

- Tension and compression direction icon indication
- 3 units of measurements: N,kgF,lbF/kN,tF,klbF, automatic conversion
- 4 modes of measurement: Real time,peak,save,average
- Average mode:calculates average readings over time
- Upper and lower limit setting for tolerance checking with three different colors indicator lamp
- Backlight and buzzer inside, make screen more brightness and overload alarm
- Individual data memory for up to 100 readings
- Power saving mode of automatic shutoff without any operation
- Connected to micro printer and print the saved data
- USB output,export saved data to the data software and load graph over time via graph software
- CE(EMC/LVD/RoHS) and FCC certificated