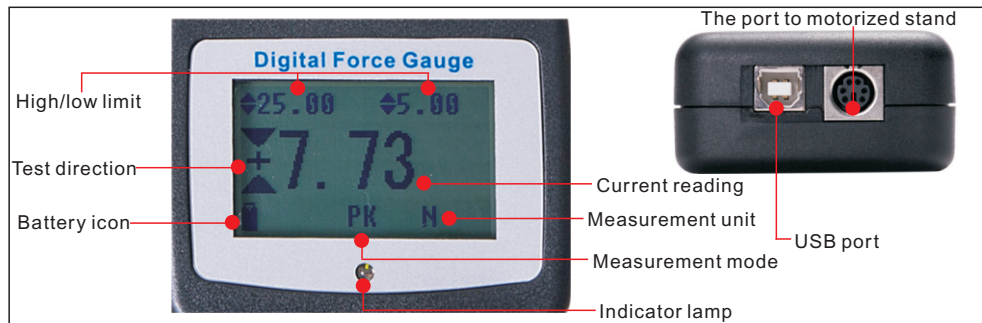
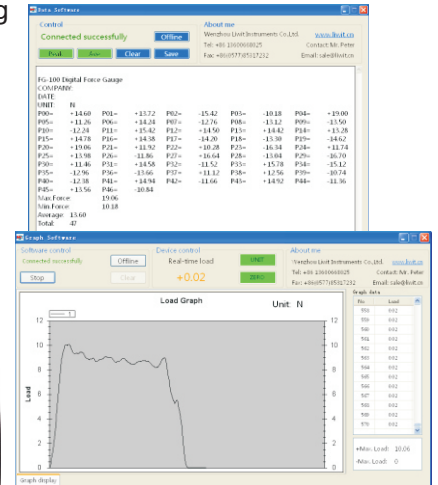


# FG Series Digital Force Gauge

FG Series Digital Force Gauge is designed for tension and compression force testing in many applications, such as springs, electronic components, fasteners, leathers, caps, films, mechanical assemblies, auto parts etc. Simple operation and easy to use, large easy-to-read LCD display, high-speed sampling rate, big data memory, super long continuous use, strong average calculation function over time.

## Features

- Tension and compression direction icon indication
- 3 units of measurements: N, kgF, lbF, automatic conversion
- 0.3% FS high accuracy and high resolution
- 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
- Connected to motorized test stand and can realize the function of stopping automatically once the load is up to the preset force
- USB output, export saved data to the data software and view the load graph over time via graph software
- CE(EMC/LVD/RoHS) and FCC certified



Micro printer

## Specification

Model	FG-10	FG-20	FG-50	FG-100	FG-200	FG-500	FG-1K	FG-2K	FG-5K
Capacity	10 N	20 N	50 N	100 N	200 N	500 N	1000 N	2000 N	5000 N
Resolution	0.002 N	0.005 N	0.01 N	0.02 N	0.05 N	0.1 N	0.2 N	0.5 N	1 N
Accuracy	0.3% FS								
Units	N, kgF, lbF								
Sampling Rate	500Hz								
Power	AC or Li rechargeable battery								
Battery Life	Backlight On/Off: 18/36 hours for continuous use								
Warranty	1 year								
Net Weight	1.2 kgs				1.8 kgs				
Environmental Requirement	Work temperature: 5°C-45°C Relative humidity: 35%-65%HR								

Note: Additional large capacity is also custom-made

