

MFG-400 Digital Force Gauge (series)



Package includes:

- Main unit
- Sensor (tools & clamp)
- Power adaptor (USB cable)
- Carrying case
- User's manual
- Software
- RS-232

Overview:

MFG-400 (series) digital force gauge is a universal portable force measuring device, testing push and pull loads (depending on sensor) accurately and easily. The meter is small, light, easy to operate, multi-functional, and has high precision. Applicable for all situations with push and/or pull load test, insert and pull out force test, destroy test, etc. It also can be combined with the machinery and clamp to make up a small tester for different purposes. MFG-400 is widely use in different industrial fields, laboratories, etc.

Features:

- High accuracy, resolution and stability. Sampling speed to 120Hz.
- Setup the difference between upper and limit , Indicator light and buzzer alarm automatically and Level signal output
- Display test direction (Pull “ + “, Push “ - “)
- Sections of liquid crystal display, green backlit screen
- Memory (99 groups of data: max/min value and calculate the average value Automatically)
- Converting three units N, Kgf, lbf automatically
- Can set the value of acceleration of gravity
- Holding and removing the peak value automatically(0-99 sec. can be set)
- Auto power off automatically without any operation(0-99 min, time can be set freely)
- Adopting external intelligent charger, charge safely and prolong battery life
- Pin output (baud-rate 9600),it can print test data, max/min value and average Value
- Connect to PC, read, print, delete and analysis data

Parameter	Value			
Model No.	MFG-400-50	MFG-400-200	MFG-400-1K	MFG-400-100K
Measuring range	0~50N	0~200N	0~1000N	0~100KN
	0~5kg	0~20kg	0~100kg	0~10000kg
	0~11lb	0~44lb	0~220lb	0~22000lb
Resolutions	0.01N	0.1N	0.5N	0.05KN
	0.001kg	0.01kg	0.05kg	5kg
	0.002lb	0.02lb	0.1lb	101lb
Relative error	±0.5% reading			
Sensor shape	internal	internal	S-shape	slope
Working environment	0°C~40°C, 15%~80% RH, NO vibration and corrosion			
Power supply	Rechargeable battery (6V / 1500mAh)			
Weight (unit)	1.3kg			
Dimensions (unit)	188mm*70mm*41mm			

