



▶ | HF Digital Force Gauge



HF-2~1000



HF50N~200K



HF3000N~1000K



HF1000N~200K
HF100K~2000K
(Clamps do not include)

Product Description

The HF series digital force gauge with compact size, high accuracy, They are easy to operate and handy to carry out. Widely applied in electron, high & low voltage electrical appliance, hardware, automobile parts, lighter and ignition system, light industry, mechanical, textile, and so on industries for testing of pull or push load test, insertion force or pull and destructive experiment.

Features

- High accuracy high resolution: accuracy 0.5, the minimum reading 0.001 N.
- Six measuring models: stand mode, pull-push peak mode, pull peak mode, the external node on-off mode, external saving on-off mode, have maximum increasing test efficiency.
- Three display-way for option: real time, peak, auto-peak.
- Three unit conversion: N, Kg, Lb.
- Peak holding function: can grab the peak value during test
- Comparison: free set upper and lower deviation, LCD displays "MAX" and "MIN" respectively and buzzer alarm
- Signal output function: can set comparison value, it output signal when the measuring force value is larger than comparison value.
- Auto-peak function: keep displaying peak value for 2 seconds and then relieve automatically.
- Automatic shut down function: automatic shut down without ten-minute operation.
- Calculate function: can calculate the max, min value and so on in every test when connecting computer.
- Turnover LCD display screen: when press "print" key, the screen can turn over 180 degrees.
- The real time analysis function: can be connected to computer, synchronous, display test curve on computer when testing and make various kinds of analysis

Technical Data

Type	HF-2	HF-3	HF-5	HF-10	HF-20	HF-30	HF-50	HF-100	HF-200	HF-300	HF-500	HF-1000	HF-2000	HF-3000	HF-5000	HF-10K	HF-20K	HF-30K	HF-50K	HF-100K	HF-200K	HF-300K	HF-500K	HF-1000K	HF-2000K
Peak load value	2N	3N	5N	10N	20N	30N	50N	100N	200N	300N	500N	1000N	2000N	3000N	5000N	10KN	20KN	30KN	50KN	100KN	200KN	300KN	500KN	1000KN	2000KN
	0.2kg	0.3kg	0.5kg	1kg	2kg	3kg	5kg	10kg	20kg	30kg	50kg	100kg	200kg	300kg	500kg	1Kkg	2Kkg	3Kkg	5Kkg	10Kkg	20Kkg	30Kkg	50Kkg	100Kkg	200Kkg
	0.45Lb	0.65Lb	1.1Lb	2.2Lb	4.5Lb	6.5Lb	11Lb	22Lb	45Lb	65Lb	110Lb	220Lb	450Lb	650Lb	1100Lb	2.2KLb	4.5KLb	6.5KLb	11KLb	22KLb	45KLb	65KLb	110KLb	220KLb	450KLb
Load division value	0.001N			0.01N			0.1N			1N			0.01KN			0.01KN			1KN						
	0.0001Kg			0.001Kg			0.01Kg			0.1Kg			0.001KKg			0.01KKg			0.1KKg						
	0.0001Lb			0.001Lb			0.01Lb			0.1Lb			0.001KLb			0.01KLb			0.1KLb						
Sensor structure	Inside Type											Both	Outside Type												
Accuracy	± 0.5%											± 1%													
Power	7.2V 1.2Vx6 Ni-MH Battery group																								
Charge Time	4~6h																								
Battery Using Time	~ 10h																								
Battery Life	≥300 times																								
Charger	Input:AC100~240V 50HZ Output:DC 10V 300mA																								