

DIGITAL FORCE GAUGE

MECHANICAL TOOLS & EQUIPMENTS

EH-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 appliances, hardware, automobile parts, lighter and ignition system, light industry, mechanical, textile and so on industries for testing of pull or pushload test, insertion force or pull and destructive experiment.

Features

- High accuracy high resolution: accuracy 0.5% and the minimum reading 0.001N
- Six measuring modes : standard mode, pull-push peak mode, push peak model, pull peak mode, the external mode on-off model, external maximum increasing Clockwise $\pm 2\%$, counterclockwise $\pm 2.5\%$ accuracy (guaranteed range of accuracy 20~100% of full range)
- Peak holding function: can set comparison value, it output signal when the measuring force value is larger than comparison value.
- 3 display-way for option: real time, peak, auto-peak.
- 3 units conversion: N, Kg, Lb
- Automatic shunt down function without operation over 10 minute.
- Auto-peak function keep displaying peak value for 2sec and then relieve automatically.
- Calculate function: max-min value and so on in every test when connecting computer.
- Turnover LCD display screen when press "print" key, the screen can turnover 180 degrees.
- Real time analysis function can connect to PC, synchronous display test curve on computer



EH-1 ~ EH-1000
(inside sensor)

Packaging Box



EH-2000 ~ EH-5000
(Sensor outside)



EH-10kN ~ EH-500kN
(Sensor outside)

Ordering Information

Standard Accessories:

- User Manual
- AC adapter
- Standard hooks 5 ea
- Hard Carry case
- RS-232 cable with software CD

MODEL	EH-2	EH-3	EH-5	EH-10	EH-20	EH-30	EH-50	EH-100	EH-200	EH-500	EH-1000	EH-2000	EH-3000	EH-5000	EH-10K
Peak load value	N. 2	3	5	10	10	300	50	100	200	500	1000	2000	3000	5000	10kN
	kg. 0.2	0.3	0.5	1	1	30	5	10	20	50	100	200	300	500	1000
	lb. 0.45	0.65	1.1	2.2	4.5	6.5	11	22	45	110	220	450	650	1100	2200
Resolution		0.001N			0.01N				0.1N			1N			0.01kN
		0.0001kg			0.001kg				0.01kg			0.01kg			0.001kg
		0.0001lb			0.001lb				0.01lb			0.01lb			0.0001lb
Sensor structure					Inside type						Both			Outside type	
Power							7.2V 12V x 6 Ni-MH Battery pack								
Accuracy					$\pm 0.5\%$									$\pm 1\%$	
Charing time							4-6 Hours, Using time about 10Hours								
Power adapter							Input : AC 100-240Vac/50-60Hz								Output : 10V 300mA