

## SH Series Digital Push Pull Gauge

SH series, with facility and high resolution, which can be used not only for measuring tension and compression force but also for other forces testing such as switch test, insertion and withdraw force and fracture test, are efficient push pull testing instruments in a new generation.

### Characteristics

- High accuracy & High resolution :  
Accuracy :  $\pm 0.5\%$  Min resolution : 0.001N;
  - Peak holding and auto-releasing function :  
Catching and holding the peak value in test, the peak holding time can be set(1-10 seconds);
  - Comparing function :  
Initial input of the tolerance limit(Max/Min)enables the device to judge the measured result as Go(Green pilot lamp)/NG(Red pilot lamp);
  - Memory function :  
Memory 10 testing data, and calculate the average;
  - Units conversion :  
Converting three units(N, kgf, ibf) automatically;
  - LCD screen direction turning function :  
Pressing the unit key for 3 seconds, the LCD screen will change its direction;
  - Automatic power off function :  
Power off time (1-60minutes) can be set by yourself;
  - RS-232C output :  
Transmitting the data to Printer or computer, saving it into 'Excel' for analysis or printing;
- Patent number:ZL200430151019.3,ZL200620013022.2.



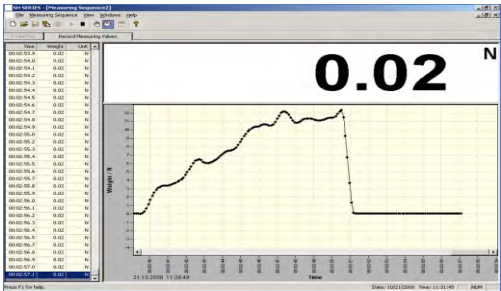
Stype Sensor Outside



Sensor Inside



Cycletype Sensor Outside



SH Port string Software Interface



CD Software

PARAMETER

Model	SH-2	SH-5	SH-10	SH-20	SH-50	SH-100	SH-200	SH-500	SH-1K	SH-2K	SH-5K	SH-10K	SH-20K	SH-50K	SH-100K	SH-200K	SH-500K	SH-1000K	SH-2000K
Capacity	2N	5N	10N	20N	50N	100N	200N	500N	1000N	2000N	5000N	10kN	20kN	50kN	100kN	200kN	500kN	1000kN	2000kN
Resolution	0.001N	0.001N	0.005N	0.01N	0.01N	0.05N	0.1N	0.1N	0.5N	1N	1N	0.005kN	0.01kN	0.01kN	0.05kN	0.1kN	0.1kN	0.5kN	1kN
Sensor Conformation	Sensor Inside								Stype Sensor Outside							Cyclotype sensor Outside			
Power	8.4V 1.2V×7 Nickel hydride battery																		
Charging time	about 4 hours																		
Battery operating time	about 12 hours																		
Battery life	≥300 times																		
Adaptor	Input:AC 220V 50Hz Output:DC 12V 300mA																		
Accuracy	±0.5%FS															±1%FS			
Weight	about 0.6kg								about 2.7kg			about 2.9kg		4.4kg	11.5kg	13.3kg	20.3kg	about 36.5kg	

SH-F Series Digital Keystroke Force Gauge

SH-F series are special force gauges for testing keystroke, button, switch and so on. The special test stand for them is SPF Keystroke Test Stand and this series key technology has got the patent.

PARAMETER

Model	SH-2F	SH-10F	SH-20F	SH-100F
Capacity	2N	10N	20N	100N
Resolution	0.001N	0.005N	0.01N	0.05N
Sensor Conformation	Sensor Inside			
Accuracy	±0.5%FS			
Weight	about 0.6kg			

Notice : Applie with (Purchase additionally) SPF Keystroke Test Stand.



SPF Keystroke Test Stand