

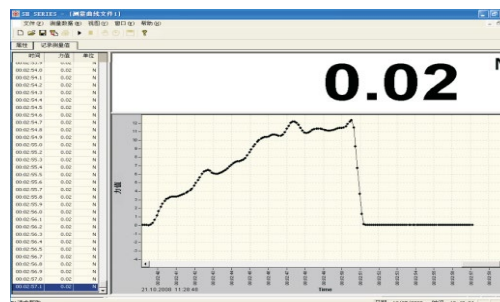


SH Series Digital Push Pull Force Gauge

This force gauge is compact and multifunctional test gauge. It is applied for compression and tension test/insertion and extraction test/breaking test. Digital display, high accuracy and high resolution, high-efficiency test performance.

Characteristics

- Peak hold time (1-10 seconds) setting.
- Upper and lower limit setting, red/green indicator lights and buzzer alarm.
- 10 test value storage, average calculation function.
- Select units: N/kgf/lbf.
- Auto-off time setting (1-60 minutes) without operation.
- RS232 output,connection to software, force curve view, data saving for analysis and printing.
- Patent number:ZL200610072362.7.



Software interface



Sensor Inside



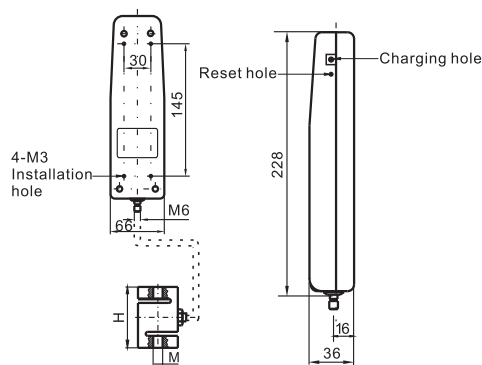
S Type Sensor Outside



Cycle Type Sensor Outside

Unit: mm			
Model	H	M	Sensor
SH-1K-20K	76.2	M12×1.75	S type bidirectional push and pull
SH-50K	108	M18×1.5	
SH-100K	178	M30×2	
SH-200K	45	M36×2	Cycle type bidirectional push and pull
SH-500K	64	M42×2	
SH-1000K	90	M70×3	
SH-2000K	120	M90×3	

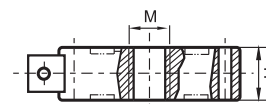
Sensor Dimension



S Type Sensor



CD Software



Cycle Type Sensor

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 type	Sensor Inside								S Type Sensor Outside						Cycle Type Sensor Outside				
Test range	10%~100% FS																		
Accuracy	Within±0.5%															Within±1%			
Power	8.4V 1.2V×7 Nickel hydride battery; Continuous use for 40 hours after charging fully; Standby time: about 3 months; Battery life ≥300 times																		
Adaptor	Input: AC 220V 50Hz Output: DC 12V 300mA																		
Weight	About 0.7kg								About 1.7kg		About 1.9kg		About 3.3kg	About 10.6kg	About 6.2kg	About 14.2kg	About 36.5kg		