

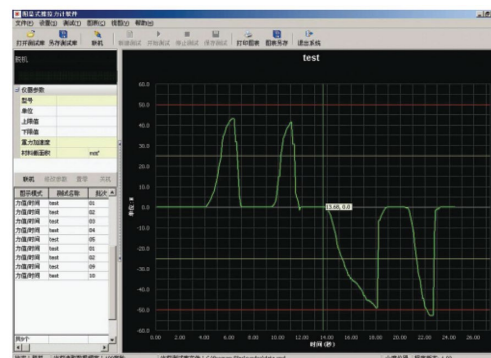


SP Series Diagram Push Pull Force Gauge

This force gauge is new generation. Small size, low weight, easy to carry. It is applied for compression and tension test/insertion and extraction test/breaking test/material strength test. Matched to test stand and clamp, it could be small testing machine for different application.

Characteristics

- High accuracy and high resolution.
- TFT colorful screen, peak/real-time value/test curve display at the same time, monitor and review test procedure .
- Select unit : N/kgf/lbf/ozf.
- USB output,connection to software, infinite data storage/ transmission, curve details view, user-defined printing format.
- Auto-off design without operation.
- Patent number: ZL200910054091 .6/ZL200930130823.6 /ZL201020263512.4.



Software interface



Sensor Inside



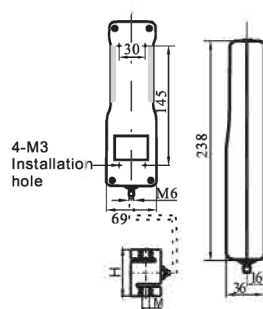
S Type Sensor Outside



Cycle Type Sensor Outside

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

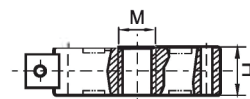
Sensor Dimension



S Type Sensor



CD Software



Cycle Type Sensor

Parameter

Model	SP-2	SP-5	SP-10	SP-20	SP-50	SP-100	SP-200	SP-500	SP-1K	SP-2K	SP-5K	SP-10K	SP-20K	SP-50K	SP-100K	SP-200K	SP-500K	SP-1000K	SP-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	7.2V 1.2V×6 Nickel hydride battery; Charging time: about 6 hours; Standby time: about 3 months; Battery life ≥300 times																		
Adaptor	Input: AC 220V 50Hz Output: DC 12V 400mA																		
Weight	About 0.9kg								About 1.9kg		About 2.1kg			About 3.5kg	About 10.8kg	About 6.4kg	About 14.4kg	About 36.7kg	