SD Series Digital Spring Tester

SD Series Digital Spring Tester is special for testing tension & compression of spring distortion and load. It also can be used to test the load of elasticity such as rubber, reed etc.

Characteristics

- Peak hold, hold time (1-10 seconds) setting.
- Upper and lower limit setting, sound and light alarm.
- Select units:N/kgf/lbf.
- Auto-off design without operation.
- Average calculation.
- Printer inside.

Note : SD-B is without printer sensor inside and without serial output.

SD-10～30

SD-50～500

SD-1000～5000

Parameter

Model	SD-10	SD-20	SD-30	SD-50	SD-100	SD-200	SD-300	SD-500	SD-1000	SD-2000	SD-5000
Capacity	10N	20N	30N	50N	100N	200N	300N	500N	1000N	2000N	5000N
Resolution	0.001N	0.002N	0.01N	0.01N	0.02N	0.05N	0.1N	0.1N	0.2N	0.5N	1N
Length Meter Travel	65mm			95mm					150mm		
Length Meter Resolution	0.01mm			0.01mm					0.01mm		
Platen Diameter	ϕ30mm			ϕ49mm					ϕ108mm		
Max Length Of Spring	65mm			95mm					200mm		
Test Range	5%~100%FS										
Accuracy	Within ±1%										
Power	220±10%V 20W										
Dimension	300×235×600mm			300×235×620mm					490×300×920mm		
Weight	About 13.2kg			17.3kg	About 19.1kg			20.8kg	About 47.5kg		

SDT Series Manual Torque Tester

SDT Series Manual Torque Tester is special for testing various shapes of torsion spring,volute spring and other elastic objects. Torque and angle digital display, accurate and intuitionistic. It has different torque sensor deformation, self compensating function for different torque and angle. Kinds of core configuration, convenient clamp and test.

Characteristics

- Peak hold, hold time (1-10 seconds) setting.
- Auto-off design without operation.
- Upper and lower limit setting, sound and light alarm.
- Three units conversion.
- Printer inside, RS-232C serial output.

SDT Series Torque Tester

CD Software

Parameter

Model	SDT-0.02	SDT-0.05	SDT-0.1	SDT-0.2	SDT-0.5	SDT-1	SDT-2	SDT-5	SDT-10	SDT-20	SDT-50
Capacity	20N.mm	50N.mm	100N.mm	200N.mm	500N.mm	1000N.mm	2000N.mm	5000N.mm	10N.m	20N.m	50N.m
Resolution	0.002N.mm	0.005N.mm	0.01N.mm	0.02N.mm	0.05N.mm	0.1N.mm	0.2N.mm	0.5N.mm	0.001N.m	0.002N.m	0.005N.m
Test Range of Torsion	10%~100% FS										
Accuracy	Within ±1%										
Test Range of Angle	-9999.99°~9999.99°										
Angle Resolution	0.1°										
Specimen Rotary Diameter	ϕ100mm										
Specimen Length	150mm										
Loading mode	Manual										
Power	220±10%V 100W										
Dimension	690×360×360mm										
Weight	About 42.0kg										

Note : the appearance and color depends on the real product.