

HT Series Digital Spring Tester



HT-10N~20N HT-30N~500N HT-1000N~5000N

HT Series Digital Spring Tester is a special equipment to test the tensile and compressive deformation and the load of the spring characteristics.

Main Characteristics

1. Unique first peak hold function during the test;
2. LCD display, blue backlight;
3. High accuracy, High resolution and High sample rate;
4. Upper and lower alarm value can be set to sound and light alarm, level signal output (can be set high or low);
5. Memory 200 testing datas and calculate the average, max and min value;
6. Converting three units(N, Kgf, lbf) automatically;
7. Peak hold, hold time can be set (0-99 seconds);
8. Free auto shutdown (time is free to set up 0-99 minutes);
9. Serial communication (can be easily configured to USB), computer display of the force curves and forms a variety of display and process data, such as printing, statistical analysis and so on;
10. Optional installation of micro printer.

HT Series Spec Parameters

Model	HT-10	HT-20	HT-30	HT-50	HT-100	HT-200	HT-500	HT-1000	HT-2000	HT-3000	HT-5000	
Max Load	10N	20N	30N	50N	100N	200N	500N	1000N	2000N	3000N	5000N	
Load Value	0.001N	0.002N	0.003N	0.01N	0.02N	0.05N	0.1N	0.2N	0.5N	0.5N	1N	
Rod stroke	70mm		100mm				150mm					
Resolution	0.01mm											
Plate Diameter	Φ52mm		Φ78.5mm				Φ108mm					
Spring Max free length	70mm		100mm				150mm					
Effective stroke(≅)	115mm		125mm				135mm					
Max press space(≅)	265mm		245mm				430mm					
Max pull space(≅)	140mm		155mm				280mm					
Dimension(mm)	300*225*610				300*225*610				454*295*900			
N.W.(kg)	18		18				70					
Accuracy	±0.5%											