

10-200N Touch Screen Automatic Spring Tensile and Compression Testing Machine



Picture is for reference only

1.Application

This testing machine is mainly used to measure the tensile test and compression test of various coil springs. It can test both the spring load under a certain deformation and the spring deformation under a certain load. Mainly used in spring manufacturers, low-voltage electrical appliances, machinery, universities and research laboratories.

2.Standards:

- 1.1 Implementation standard of testing machine: JB/T 7796-2005 《Tension and compression Spring Testing Machines》
- 2.2 JJF 1134-2005 《Calibration specification for special working measuring machines》
- 2.3 GB/T 13634 《Calibration of dynamometers for testing on testing machines》

3.Main Specifications

MODEL	TLS-10TG	TLS-20TG	TLS-50TG	TLS-100TG	TLS-200TG
Capacity	10N	20N	50N	100N	200N
Testing machine grade	Class 0.5				
Display type	LCD display with touch screen				

Measuring range	1%-100%	
Load resolution	0.001N	0.01N
Relative error of indication repeatability	±0.5%	
Relative error of test force indication	±0.5%	
Resolution of displacement	0.001mm	
Displacement indication error (micron)	≤± (50+0.15l)	
Test space	190mm	
Plate	30mm	60mm
Test speed range	0.01mm/min-500mm/min	
Dimensions	480*380*655mm	
Weight	About60kg	
Power supply	AC 220V±10% 50-60Hz	
Noise	55dB (A)	