

# TLS-S II Series Full-automatic Dual Digital Display Spring Tension & Compression Testing Machine

## Main Features:

It is suitable for the test of all precision extension & compression springs and testing fragile materials.

## Features:

TLS-S II Series automatic dual digital display tension & compression testing machine is a new spring testing instrument, which uses several advanced technologies so as to further improve the test accuracy and ensure the testing efficiency. The test load is divided into 3 grades so that the measuring range is expanded. The machine can test 9 testing points at different speeds and return to the initial position automatically. 6 types of files can be stored for future usage. It can also auto-revise the displacement of the load cell. What's more, the machine also has functions of peak value holding, overload protection, zero clearing at any test point, stiffness calculation, data retrieval, etc.

This series spring tester also can be controlled by computer according to add a computer system as optional part.

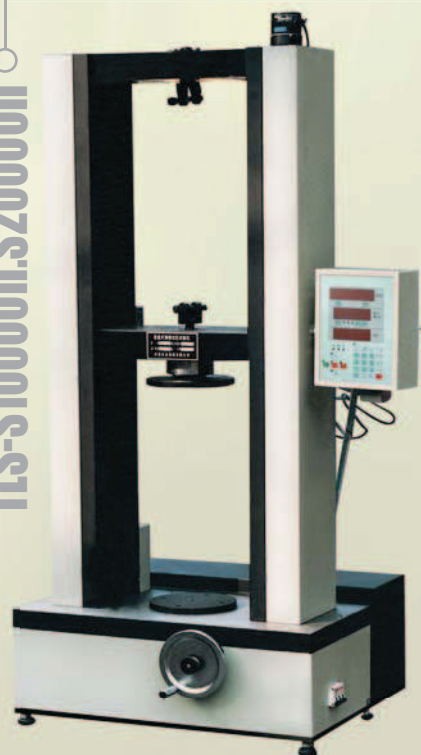
TLS-S100II, S200II



TLS-S5000II



TLS-S10000II, S20000II



## Main Technical Specifications:

Specification	TLS-S100II	TLS-S200II	TLS-S500II	TLS-S1000II	TLS-S2000II	TLS-S5000II	TLS-S10000II	TLS-S20000II
Max. test load (N)	100	200	500	1000	2000	5000	10000	20000
Min. test load of reading (N)	0.01			0.1			1	
Min. test load of Stroke (mm)	0.01							
Max. distance between tension hooks (mm)	350					650	1000	
Max. istance etween compression plate (mm)	350					650	1000	
Diameter of upper and lower plates (mm)	φ100					φ130	φ200	
Max. Stroke (mm)	350					650	1000	
Testing speed (mm/min)	0.5-500					60-600	30-300	
Classification of machine	1 Class							
Net weight (kg)	90					200	300	
Power supply	220V 50Hz 1phase					380V 50Hz 3 phase		