

SXW-300 Computer Control Steel Strand Tensile Stress Relaxation Testing Machine



Picture is for reference only

Application:

HST SXW-300 stress relaxation testing machine is used to determine stress-relaxation of metal, such as pre-stressed concrete strand, pre-stressed concrete bar, steel rope and so on., the specimen is deformed a given amount and decrease in stress is recorded over prolonged period of exposure at constant elevated temperature.

Main Specifications:

Model	HST SXW-300	HST SXW-500
Host Structure	Horizontal Type	
Max. Test Force(KN)	300	500
Test Force Range	2%~100%	
Load Accuracy	± 1%	

Test Force Resolution	10 N
Max. Relaxation Test Space	2000
Chucks Displacement Resolution	0.001 mm
Stretching Stroke	200 mm
Digital Micrometer	Range: 10 mm, Resolution: 0.001 mm
Test Force Indication Relative Error	±1%
Temperature Resolution	0.1 °C
Displacement Measurement Accuracy	≤±0.5%FS
Chucks Moving Speed	0-20 mm/min
Clamping Specimen Diameter	φ9.53, φ12.7, φ15.24. OR Other Diameter Depend On Customers' Requirements (standard: 1 size included)
Constant Speed Control Accuracy	≤±1% (Set Value)
Test Time	More Than 1000 Hours