

HST WAW-E Computer Control hydraulic universal Testing Machine (100~1000KN)



Application

This machine is suitable to test various metallic & non-metallic materials for tension, compression, bending and shearing strength. It is capable of testing the characters of materials on physical & technology properties.

It is simple, easy to operate and widely used in works, laboratories and high schools for material properties research and quality control. Equipped with the computer & Software & printer, it can display, record, process and print the test results, and control test procedures as per the set program and can draw test curves automatically in real time.

Standards:

Load meets or exceeds the following standards: ASTM E4, ISO7500-1, EN 10002-2, BS1610, DIN 51221.

Strain measurement meets or exceeds the following standards: ASTM E83, ISO 9513, BS 3846 and EN 10002-4.

Specifications

Model	HST WAW-100E	HST WAW-300E	HST WAW-600E	HST WAW-1000E
Structure	6 Column (Four Columns Two Ball Screws)			
Max. Load(KN)	100	300	600	1000
Load Accuracy	$\leq \pm 0.5\%$			
Load Range	1% ~ 100%			
Displacement Resolution	0.01mm			
Max. Tension Test Space(mm)	780	780	800	950
Max.Compression Test Space(mm)	550	550	650	700
Column Effective Spacing(mm)	485	485	500	560
Max. Piston Stroke(mm)	200	250	250	250
Clamping Method	Hydraulic Clamping			
Round Specimen Clamping Range(mm)	$\Phi 4\text{-}\Phi 10$, $\Phi 10\text{-}\Phi 20$	$\Phi 10\text{-}\Phi 20$, $\Phi 20\text{-}\Phi 32$	$\Phi 13\text{-}\Phi 26$, $\Phi 26\text{-}\Phi 40$	$\Phi 13\text{-}\Phi 26$, $\Phi 26\text{-}\Phi 45$
Flat Specimen Clamping Range(mm)	0-15	0-15	0-15	0-20
Flat Specimen Clamping Width(mm)	80*80	80*80	90*90	100*100
Power Supply	3-phase, AC380V, 50Hz (Can Be Customized)			

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