

WAW-600L

SERVO HYDRAULIC UNIVERSAL TESTING MACHINE



Features

- WAW-600L Computer Display Hydraulic Steel Strand Testing Machine is mainly used to execute the tension test for steel strand wires. Attached with simple accessories and devices, it can conduct compression and other tests.
- The oil cylinder is at the bottom of the load frame. Tension space is at the upside and compression & bending spaces are between lower crosshead and working table. It is adopting oil hydraulic power to push the piston in the oil cylinder to provide loading force. The lower crosshead is driven by the motor and gear inside it to realize the adjustment of testing space. The leading screws are fixed into the machine seat and never turn during the space adjusting & testing to guarantee the machine stability and longer life span.

Standards

In accordance with or exceed the requirements of the ISO6834.

Applications

It is widely used in different steel works, engineering areas, quality control department, universities and institutes as well as other areas and works.

Technical Specification

Max. Test Load	600KN
Measuring Range of force	2% - 100% of FN
Test Load Accuracy	Class 1
Piston Stroke	250mm
Max. Piston Speed	80mm/min
Max. Tension Space	1200mm (including piston stroke)
Column net distance (mm)	650
Deformation Measuring Extensometer	Gauge Length:200mm Deformation: 15mm
Resolution of Deformation Measuring (mm)	0.01
Deformation Accuracy	$\leq \pm 1\%$ of indicated value
Range of Clamping Jaws	$\Phi 9.5 - \Phi 12.7$, $\Phi 12.7 - \Phi 15.4$ mm
Steel Strand Wire Clamping Depth	180mm
Clamping Method	Hydraulic
Power Supply	4.1kW
Weight of load frame (kg)	3000
Dimensions of load frame (mm)	1180 x 750 x 3440
Dimensions of control cabinet (mm)	1100 x 700 x 930