



WAW-1000D 1000kN Computer Control Electro-hydraulic Servo Universal Testing Machine

Product description:

Computer Control Electro-hydraulic Servo Universal Testing Machine






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1.Application:

The machine adopts hydraulic loading, Computer Display, easy and convenient to operate. It is mainly used to execute the tension, compression, bending, flexural etc. test for metal materials. Attached with simple accessories and devices, it can be used to test wood, concrete, cement, rubber, and so on.It is very suitable for making test to different metal or nonmetal materials under high toughness and hardness against extreme big loading force.

2.Standards:

ISO6892, BS4449,ASTM C39,ISO75001, ASTM A370, ASTM E4, ASTM E8 and BSEN standards.

3.Frame:

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 motor throng decelerator,chain transmission device and screw pair to realize the adjustment of testing space.

4.Specifications:

Model	WAW-1000D
Structure	4 columns and 2 screws
Control way	Constant stress uniform deformation constant displacement three closed loop control and program control dealing
Max.load (kN)	1000kN
Load accuracy	≤±1%
Load range	2%-100%FS
Load resolution	1/300000
Deformation Measurement Range	2% ~ 100%FS
Deformation accuracy	≤±1%
Displacement resolution (mm)	0.01
Displacement error	≤±0.5%
Max.piston stroke(mm)	250
Max piston moving speed	0-90mm/min stepless speed adjusting
Crosshead lifting speed	200mm/min
Max. tension test space	980mm/1350(PC strand)
Max.Compression Test Space	700/1000mm
Column Effective Spacing(mm)	650
Clamping method	Hydraulic clamp
Round specimen clamping range (mm)	Φ13-Φ26,Φ26-Φ45 (6-13 Optional) Φ9.5-Φ21.6(PC strand)
Flat specimen clamping range (mm)	0-20 (20-40 Optional)
Flat specimen clamping width(mm)	100
Compression plate size (mm)	φ160
Bending roller distance(mm)	450
Width of bending rollers (mm)	120
Power supply	3-phase,AC380V, 50Hz (can be customized)

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