



## WAW-2000D 2000kN Computer Control Electro-hydraulic Servo Universal Testing Machine

### Product description:

Computer Control Electro-hydraulic Servo Universal Testing Machine



(/)

PRODUCT DETAILS    PRODUCT VIDEO

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

### 4.Specifications:

Model	WAW-2000D
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)	2000kN
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	1000mm
Column Effective Spacing(mm)	750
Clamping method	Hydraulic clamp
Round specimen clamping range (mm)	Φ15-Φ30, Φ30-Φ55 , Φ55-Φ70
Flat specimen clamping range (mm)	10-40 , 40-70mm
Flat specimen clamping width(mm)	150*120
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 )