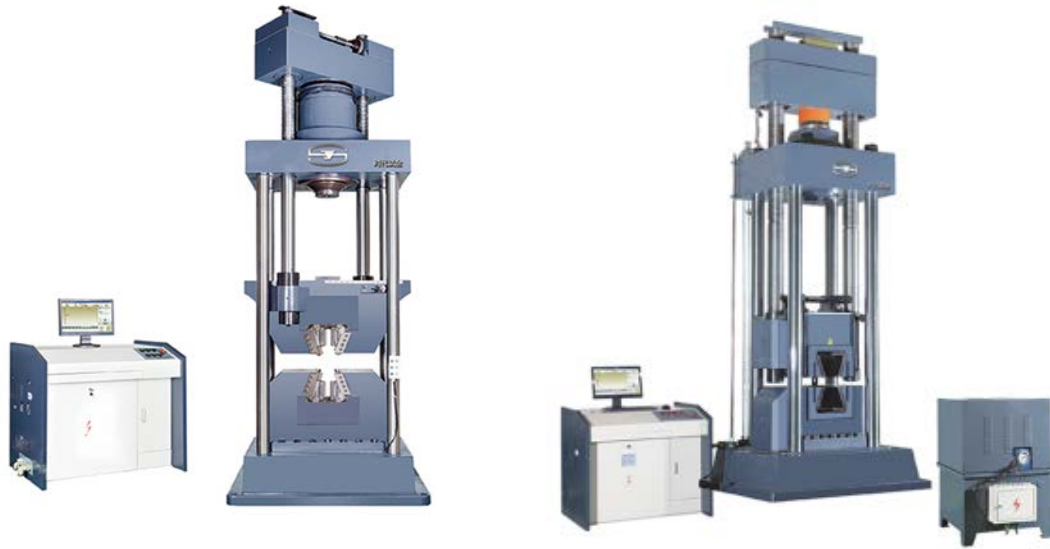


WAW-A Series

COMPUTER CONTROLLED ELECTRO-HYDRAULIC SERVO TESTING MACHINE



WAW-1000A/2000A

WAW-3000A/4000A/5000A

WAW- A Servo Hydraulic Tensile Testing Machine is mainly used for tensile test with high efficiency requirement. Equipped with relevant fixtures, this machine can also be used for compression, bending and shearing tests. Constant strain, Constant stress and constant displacement test are available. Strain velocity, stress velocity and displacement velocity conform to the requirement of GB, ASTM, DIN, ISO, JIS, BS etc. metal tensile testing standards.

It is an ideal equipment for tensile test of metal rod, board, screw, steel strand (with special fixture) etc. material with high stiffness.

Features

- Adopts four columns load frame with oil cylinder at the top, tension space is locates at the low space, compression and bending are locates at the up space.
- Lower jaw seat fixed at the bottom. Upper jaw is connected with crosshead through screw column.
- Motor rotates by worm and worm wheel, transmission by screw nut screw column, to realize adjustment of testing space.
- Adopts hydraulic clamping way
- TIME own controller and software

WAW-A Series

COMPUTER CONTROLLED ELECTRO-HYDRAULIC SERVO TESTING MACHINE

Technical Specification

Item	WAW-1000A	WAW-2000A	WAW-3000A	WAW-4000A	WAW-5000A
Max. Test Load (kN)	1000	2000	3000	4000	5000
Load Measuring Range(kN)	2%-100% of max capacity (kN)				
Test Load Indicating Accuracy	±1% of Indicating Value				
Distance between two columns	675 tension 490 compression	900 tension 690 compression	800x60	1000x800	1000x800
Displacement Accuracy	±1% of Indicating Value				
Deformation Resolution (mm)	0.01				
piston Stroke (mm)	250		300	300	300
Max. Jaws Distance (mm) tension (Including piston stroke)	780	850	800	1000	1000
Max. Jaws Distance (mm) compression	650	720	800	1000	1000
Deformation Measuring Accuracy	±0.5% of Indicating Value				
Overload Protection	≥5% of Full Range				
Round Specimen Clamping Range (mm)	φ13-φ60	φ15-φ70	Φ22,24,26, 30,34,38	Φ22,24,26,30, 34,38,42,48	Φ22,24,26,30,34, 38,42,48,56
Flat Specimen Clamping Range(mm)	0-40	0-50	0-55	2-70	2-90
Compression plate	204x204				
Bending span(mm)	1000	1000	300	300	
Bending width and bending degree(mm)	140 and 100	140/190		160/190	
Shearing specimen (mm)	φ10				
Piston moving speed(mm/min)	≥50	≥50	Max 50		
Testing space adjustment	Normal motor, worm and worm wheel transmission			motor	motor
Load Frame Dimension (mm)	1255x860x3900	1510x1040x4700	1700x1400x4500 (5500)	2000x1600x4800 (6100)	2000x1600x4900 (6300)
Oil source controlled cabinet	1100x700x930				1300x1100x3500
Load Frame Weight (kg)	Approx. 5000	Approx. 10400	Approx. 19000	24000	26000