

Servo Controlled Bolt Tensile Testing Machine



Picture just for reference

Application

Universal Tensile Strength Testing Machine is suitable for tension, compression, bending, shearing, peeling, tearing and other tests by adding different test fixture for metal and nonmetal materials. It is widely used in inspection department, engineering area, laboratories, universities and institutes for material properties research and quality control.

Main specifications

Model	WAW-100 E	WAW-300 E	WAW-600 E	WAW-1000E/WAW-100 0G	WAW-1200 E	WAW-2000 E
ControlWay	Constant stress uniform deformation constant displacement three closed loop control and program control dealing					
Number of Screwdrivers	4					
Max. Load (KN)	100	300	600	1000	1200	2000
Load Accuracy	$\leq \pm 0.5\%$					
Load Range	1%~100%FS					

LoadResolution	1/500000					
DeformationMeasurementRange	1%~100%FS					
DeformationAccuracy	$\leq \pm 1\%$					
DisplacementResolution	0.01mm					
Testingspeeds(mm/min)	0.1~118	0.1~123	0.1~123	0.1~70	0.1~70	0.1~70
Adjustablecrossheads speed(mm/min)	450	450	350	350	320	320
DisplacementError	$\leq \pm 0.5\%$					
Max.PistonStroke(mm)	200	200	200	200/250	250	250
Max.TensionTestSpace(mm)	780	780	900	950/980	930	1250
Max.CompressionTestSpace	550	550	650	700	640	850
ColumnEffectiveSpacing(mm)	485	485	500	560/580	610	800
ClampingMethod	HydraulicAutomaticClamp					
FlatSpecimenClampingWidth(mm)	80*80	80*80	90*90	100*100	120*110	150*120
CompressionPlateSize	$\Phi 160\text{mm}$					
BendingRollerDistance	450mm					
WidthOfBendingRollers	120mm					
PowerSupply	3-phase,AC380V,50Hz(CanBeCustomized)					