



Electro-hydraulic Single Space Servo Universal Testing Machine

Product description:

Universal Testing Machine



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PRODUCT DETAILS

PRODUCT VIDEO

1. Application

WAW-F Series Universal Testing Machines is designed with single workspace. It can do tension, compression, bending and shearing tests. Force measurement is through load cell. With long travel actuator stroke, it is suitable to test standard specimens, long length specimens, and specimens with large elongation.

2. Standards

- 2.1 Load meets or exceeds the following standards:
ASTM E4, ISO7500-1, EN10002-2, BS1610, DIN 51221.
- 2.2 Strain measurement meets or exceeds the following standard:
ASTM E83, ISO 9513, BS3846, EN10002-4
- 2.3 Also conform to some other standards:
ASTM E8, ASTM A370, ASTM 615, ISO 6892-1, ISO 146303, ISO 156301, BS 4449.

3. Specifications

Model	WAW-300F	WAW-600F	WAW-1000F	WAW-2000F	WAW-3000F
Max. Load capacity(kN)	300	600	1000	2000	3000
Structure	Four column				
Accuracy of testing load(%)	±0.5				
Accuracy of deformation(%)	±0.5				
Test Range	1%-100%				
Deformation measurement range	1%-100%				
Posion rising speed (mm/min)	0-250	0-250	0-150	0-100	0-100
Piston descending speed (mm/min)	0-250	0-250	0-180	0-100	0-100
Test Force Loading Rate Range	0.02%-2%FS/s				
Host structure	2	4	4	4	4
Max. Tensile space(mm)	400	580	700-1000	700	800
Max. Compression space(mm)	300	460	520	650	520
Actuator stroke(mm)	370	580	650	700	800