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4000KN Computer Control Servo Hydraulic Universal Testing Machine

Product description:

4000KN Computer Control Servo Hydraulic Universal Testing Machine Introduction : WAW-4000(Dual space)Hydraulic Universal Testing Machine is ideal for high-capacity tension,compression, bend/flex, and



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4000KN Computer Control Servo Hydraulic Universal Testing Machine

Introduction:

WAW-4000(Dual space) Hydraulic Universal Testing Machine is ideal for high-capacity tension, compression, bend/flex, and shear testing.

It accords with the correspondent requirements of BS, EN, ISO, ASTM, JIS and many other testing methods. These frames feature dual spaces so users can quickly change between tension and compression testing without having to remove heavy fixtures.

Features:

1. Top seated cylinder structure makes the installation of frame without complicated foundation construction.
2. Extra-length screws and columns, with an adjustable upper crosshead, to increase
3. The available test space for longer test specimens.
4. Semi-open front hydraulic wedge clamps for easier loading and allowing rapid loading and unloading of specimens.
5. Rigid 4-column load frame construction providing superior axial and lateral stiffness and minimum maintenance, low reaction at specimen failure.
6. Servo valve attached direct on actuator providing close-coupled servo valve and accumulators for improved performance and reduced pressure fluctuations.
7. With digital displacement transducer for the best positioning and measuring accuracy.
8. Hydraulic operated wedge grips available.
9. Including grip control system mounted direct at the machine.
10. Tooling for tension, compression, bend/flex, shear and other tests.
11. With chrome plated columns for easy cleaning and longest life.

Technical Specifications

Model	WAW-4000
Capacity	4000kN
Load resolution	Capacity/300, 000 (fully auto scaling of single measurement range)
Stroke	300mm
Testing speed	0~80mm/min
Adjustable crosshead speed	260mm/min
Clearance between grips	1200mm (excluding ram stroke)
Clearance between platens	1000mm
Clearance between columns	850mm
Machine dimensions	1,460*970*5,000mm
Control console	1,150*780*900mm
Weight	22,500kg



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