

■ YAW Series Microcomputer Control Type Electrohydraulic Compression Testing Machine



Application:

用途

This series are mainly used for the compression strength test of cement and sand. Equipped with special auxiliaries, it can also be used for the bending test of building materials and compression test of red bricks. This series machines adopt electrohydraulic proportioning valve control technology, can automatically or manually add test force, constant loading, automatically control the test procedure and meet with the requirement of relevant standards.

Features:

1. Auto zero: At the beginning of the test, the system will clear to zero automatically;
2. Auto switch range according to the value of testing force and assure the accuracy of the test.
3. Auto store the test data and curve.
4. Curve selection: real time record and display the test curve.
5. Real time display: real time displays the test force and its peak value.
6. Limit protection: program control and mechanical limit protection two methods.
7. Overload protection: when the load exceeds the maximum by 2-5%, unload automatically.
8. Data process: once finish the test, assay and process the data automatically.

Main Technical Specifications:

Model Parameter	YAW-300	YAW-600	YAW-1000	YAW-2000
Max load	300 kN	600 kN	1000 kN	2000 kN
Load accuracy	±1% of indicated value			
Subsection of Testing Force	1,2,5			
Loading speed	1-10 kN/S			
Loading speed accuracy	±5% of setting value			
Distance of two platens	250 mm	280 mm	300 mm	300 mm
Upper platen size (mm)	φ 125	φ 180	240x240	240x240
Lower platen size (mm)	175x175	250x250	280x280	280x280
Max piston stroke (mm)	120	150	150	150
Power supply	380V ± 10%, 50Hz			
Dimension (mm)	950x560x1405	1120x660x1540	1250x500x1700	1250x500x1700
Total weight (kg)	550	550	750	750