

Hydraulic Compression Testing Machine

Model: YES-300



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1, General introduction

YES-300 Hydraulic Compression Strength Testing Machine to test cement, brick and concrete is offered by United Test. Use hydraulic power driving, intelligent measuring and control meter to collect and process data, consist of frame, oil source, control system, test fixture. Accuracy class 1, max. test load 300KN.

2, Key Features

Frame:

- 1.1), Frame is two columns structure, consist of working bench, load sensor, compression platen, upper crosshead, with high stiffness, easy operation and durability.
- 1.2), Can the compression head, can realize flexural test function.
- 1.3), Use the cushion block to adjust the test space.
- 1.4), Column surface chrome coating and polishing, beautiful design and anti-corrosion.

Hydraulic power source cabinet:

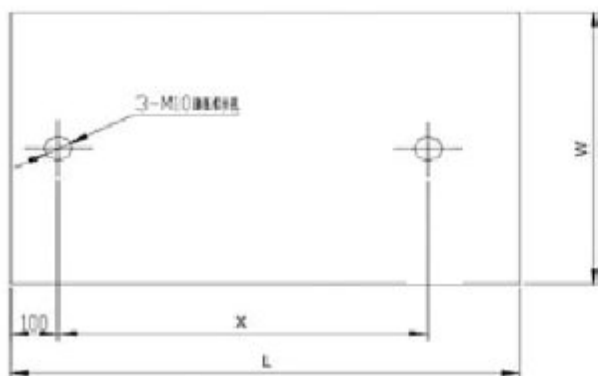
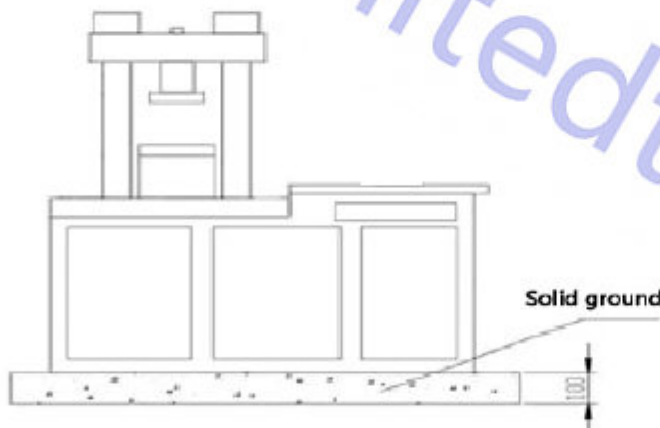
- 2.1), Unitary hydraulic power cabinet, consist of hydraulic power unit, oil source control, measuring meter, internal axial plunger pump output stable, low noise, easy operation and observation.
- 2.2), Running noise lower than 60dB.

Measuring and control system:

- 3.1), Control meter compact and beautiful design, easy operation and maintenance.
- 3.2), Micro-printer to print the test result.
- 3.3), Option function connect with PC, install the software, the computer can real-time display the load, displacement, deformation etc., information. Read test result on computer.
- 3.4), With multi-protection function, like overload protection, malfunction self-inspection etc.,

3, Main technical specification

Model	YES-300
Max. load	300KN
Accuracy of testing force	±1% of indicated value
Max. compress test space	210mm
Flexural test space	180mm
Compression platen dia.	Φ170mm
Piston stroke	80mm
Power supply	220V, 50HZ, 1 phase
Dimension	840×400×1360mm
Weight	400Kg
Power	0.75kW (Pump power 0.55 kW)
Standard Accessories	Loadframe, oil pressure sensor, digital meter, compression platen, English operation manual


Foundation drawing

Compression platen

Optional flexural test fixture