

HYE-2000A

SPECIFICATION



1. Introduction

- Hydraulic loading, electro-hydraulic servo technology. Used for testing the compressive and flexural strength of cement.
- Concrete and other building materials, it can be carried out in accordance with the corresponding standard as setting loading rate. Load capacity, time and test curve are displayed dynamically, and control timely and maximum test force hold function.
- Compressive strength, flexural strength and other mechanic test data can be calculated and printed by the control software automatically
- Suitable for testing 50mm, 100mm 150mm and 200mm cube samples as cylinder sample with 75-160mm diameter and 150-320mm height.
- Pressure safety valve, piston limit switch, removable front and rear gates are standard in all models. Upper compression platens have ball seating assembly for movement in all models. All compression platens have a surface hardness of 55HRC

2. Test system

measurement and control system including digital valve, high-precision sensor, controller and software, high control precision, good reliability. Meet the test requirements of GB, ISO, ASTM and other standards for cement, mortar, concrete and other materials, and have the following functions: force closed loop control; Equal loading rate or equal stress rate can be achieved. Using microcomputer to realize electronic measurement and automatic test; The computer automatically calculates the results and prints the report. At the same time support serial port or Ethernet communication mode, can provide networking data interface.



3. Specification

Item / Index / Model	HYE-2000A
Maximum test force	2000kN
Accuracy class	I level
Loading speed	0.02% ~ 2% FS/s
Compression space(mm)	320
Piston stroke(mm)	50
Size of compression plates(mm)	300*250
Dimension(mm)	900*400*1500
Power(kW)	380V (220V Optional), 50HZ. 2.0KW
Weight(kg)	700