

DIGITAL CONCRETE TESTING MACHINE



1. Introduction

Electro-hydraulic pressure testing machine is designed for compressive and flexural strength of cement, concrete, and other building materials. The machine can adjust the loading rate, and set force vs time function for static and cyclic loading according to testing standard such as ASTM, GB, ISO. The testing data can be analyzed and display on the screen or print out via printer connection.

2. Features

- 2.1 The instrument consists of high precision sensor, controlled by microcomputer and software.
- 2.2 With micro computer control, the machine can automatically perform the test according to force vs time history setting, and the results can be printed out via network connection
- 2.3 The testing data and graph could be illustrated in real-time and the results are automatically analyzed and showed on screen.
- 2.4 The machine could utilize for a cubic specimen with dimension of 50, 100, 150, and 200 mm and a cylindrical specimen with diameter of 17 – 160 mm and height of 150 – 320 mm.

3. Specifications

Model	XXX-2000X
Max. load	2,000 kN
Loading speed	0.02% to 2% FS/sec
Test accuracy	Level 1
Compression space	320 mm
Piston stroke	50 mm
Dimension	900 x 400 x 1500 mm
Weight	700 kg