CONCRETE TESTING MACHINE

TECHNICAL SPECIFICATION

1. Introduction

Electro-hydraulic pressure testing machine is developed and manufactured on the basis of GB/ t2611-2007 general technical requirements for testing machines and GB/ t50081-2002 test methods for mechanical properties of ordinary concrete. This series of testing machine takes hydraulic pressure as power and manual loading to test the compressive mechanical properties of concrete, brick, stone and other building materials. It can display loading force value and loading speed value digitally. It can be configured with computer to display loading curve and carry out data collection and processing.

2. Features

2.1 High efficiency motor with loading sensor for accurate force measurement

2.2 Display unit and touch keyboard for testing set up input, data display during the test, and print out

2.3 The sensor is installed to limit the piston stroke for safety

3. Specifications

Machine model	XXX-2000
Max. testing force (KN)	2,000
Accuracy class	Class 1
Testing measuring range (KN)	4%—100% F.S
Loading mode	Hydraulic Manual Loading control
Testing force Indication relative error	≤±1%
Size of compression upper plates(mm)	240x240
Size of compression lower plates(mm)	350×360
Max. distance between upper and lower compression plates (mm)	320
Piston stroke (mm)	50
Input voltage/Power	AC 220V/ 1 kW
External dimensions of frame(mm)	900*520*1250