COMPRESSION TESTING MACHINE DYE-2000C

STANDARD: EN 12390-3, ASTM C39

This equipment is used to determine the compressive strength of building materials such as bricks, stones, and concrete. It adopts hydraulic power source drive, electro-hydraulic servo control technology, computer data acquisition and processing to calculate the compressive strength and generate a report. It consists of four parts: test host, oil source (hydraulic power source), measurement and control system, and test tools. It has dynamic display of load, time and test curve, timely control function and maximum test force maintenance function. It is a necessary testing equipment for engineering units such as construction, building materials, highways and bridges.

TECHNICAL SPECIFICATIONS

Maximum test force	2000kN
Display size	4.5 inches
Class	1
Minimum resolution	0.1kN
Compression space	400mm
Size of upper and lower platen	Ø240mm, 250x350mm
Piston diameter/travel	Ø250mm/80mm
Motor power	0.75kW
Power supply	AC380V±10V/50Hz AC220V 50/60Hz (optional)
Host dimensions	910x460x1320mm
Host weight	750kg
Applicable cylinder specimen	Ø100mm, Ø150mm, Ø160mm (Max. sample height: 320mm)
Applicable cube specimen	100mm, 150mm, 200mm

FEATURES

- Hydraulic loading, sensor-based force measurement, and intelligent control system.
- Manual valve controls loading speed, ensuring accurate measurement and stable operation.
- Features include peak hold, overload protection, and adjustable loading speed.
- Complies with EN and ASTM standards, suitable for compressive strength testing of construction materials.
- Robust structure with self-leveling platens and dust-proof design.
- Easy installation, clear maintenance guidelines, and supports regular calibration.

SINCE 2006

ZHUOZHOU TIANPENG INSTRUMENT MANUFACTURING CO., LTD.
Website: www.testmould.com Tel:+86-312-3852880