



**CONCRETE
COMPRESSION TESTER
1000 KN (225000 LB.F)
- TT-CMT1000 SERIES
DEMO UNIT**

TT-CMT1000 series computer-controlled hydraulic compression testing machines are mainly used to test compression strength of cement, concrete, rocks, brick in accordance to Various International Standards.

APPLICATIONS

The machine is electro-hydraulically operated and comprises of Hydraulic Power Pack, PC, Software, Operating Switches and Load Control Valves.

The common applications of these most advanced series Hydraulic compression testing machines are in steelworks, engineering areas, quality control department, Universities and institutes as well as other areas.

FEATURES

Concrete Compression Tester 1000 KN (225000 lb.f) - TT-CMT1000 Series

Features:

1. Load Frame according to ASTM C39
2. Efficient and effective hydraulic power pack.
3. Designed to meet the need for a simple, economical and reliable means of testing concrete.
4. Possible to test cylinders up to 320 mm long x 160 mm diameter, and cubes 150 or 100 mm square.
5. Standard microprocessor-controlled with PC and Dedicated Software.
6. Load display in kN, lbf or kgf.
7. Calibrated accuracy and repeatability is better than 1% over the upper 90% of the working range
8. Magnetic Safety Door.

Concrete Compression Tester 1000 KN (225000 lb.f) - TT-CMT1000 Series

Configuration:

- 1. Electro-Hydraulic compression testing machine
- 2. Set of upper and lower compression plates of 300mm diameter; 4 pieces of distance pieces of 200mm diameter and 50 mm thick
- 3. Standards: ASTM C39, EN 12390-3, EN 12504-1, EN1354, EN1338, EN 772-6, EN 13286-41

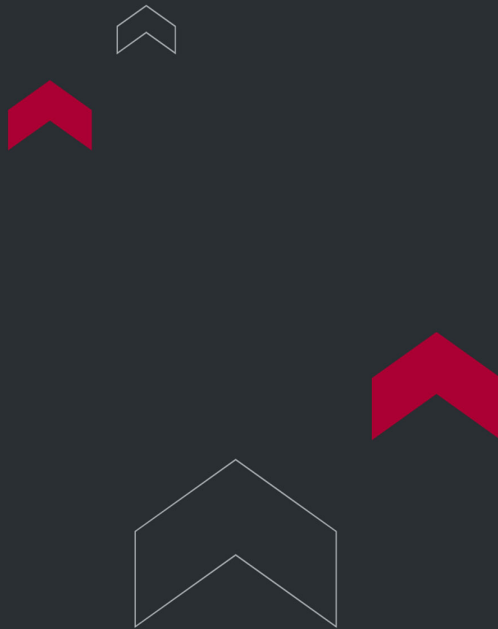
TECHNICAL SPECIFICATIONS

Model	TT-CMT1000
Load Capacity (kN)	1000
Over all Dimensions (LxWxH)	975 × 600 × 1300
Maximum vertical clearance of platens	330mm±3mm
Upper and lower platen dimensions	300 mm
Size of specimen (diameter X height)	Φ200 × 50mm
Hardness of Platens	≥ 55HRC
Maximum ram travel	50mm
Maximum speed of piston	12mm/min
Loading Speed	(20-50psi/s 0.14-0.34MPa/s)

Noise	□ 62dB
Specimen specification	Φ150×300mm
Height of distance pieces	20 mm 50 mm 60 mm 80 mm 100 mm

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