Product name:	Product code:
Automatic Compressive Strength Machine for Cement Mortar Cubes	CMI-IND-0032

Description

Automatic hydraulic compression machine with 250 kN capacity for crushing 70.6 mm and 50 mm mortar cubes at standard loading rate. Used for cement strength grade testing in plant labs.

Technical specification

- Cube platens
- Safety shield
- Digital indicator

The machine automatically applies load to cement mortar cubes at the specified rate and records peak load and compressive strength. Platens are sized for 70.6 mm and 50 mm cubes and the digital controller removes operator error. It is typically used for 3, 7 and 28 day strength tests.

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Features

- Automatic loading rate control, 0.2 to 0.4 MPa/s
- Digital display in kN and MPa
- Stainless steel guarded compression chamber
- Includes 70.6 mm cube platens
- Peak hold and auto return

Technical Specifications

Capacity	250 kN
Load resolution	0.01 kN
Accuracy	+/- 1 percent
Platen size	70.6 mm and 50 mm cube plates
Loading rate	0.2 to 0.4 MPa/s (cube based)
Standards	IS 4031 Part 6, IS 516, EN 196-1, ASTM C109
Power supply	230 V AC, 50 Hz, 0.75 kW

Standard Accessories