Product name:	Product code:
Ceramic Tile Breaking Strength and Modulus of Rupture Tester	CMI-IND-0441

Description

Three-point bending machine with roller supports that breaks tiles to find breaking force and modulus of rupture. Used by tile factories and building material labs.

Technical specification

- Support roller set
- Centre loading roller
- Rubber strips

A tile rests on two rubber-coated rollers and is loaded at the centre at a constant rate until it breaks. The digital unit shows breaking force and calculates modulus of rupture using the measured thickness.

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Features

- Hardened roller support with rubber covering
- Constant rate hydraulic loading
- Digital peak load indicator
- Adjustable span for tile sizes up to 600 mm
- Safety shield against flying fragments

Technical Specifications

Capacity	0 to 10 kN
Load rate	1 +/- 0.2 N/mm2/s
Span	Adjustable 50 to 600 mm
Roller diameter	20 mm
Accuracy	+/- 1 percent
Display	Digital peak hold
Standards	ISO 10545-4, IS 13630 Part 6, ASTM C648
Power	230 V AC, 50 Hz

Standard Accessories