Product name:	Product code:
Tile Thermal Shock and Crazing Resistance Autoclave	CMI-IND-0449

Description

Pressure autoclave that exposes glazed tiles to steam at up to 5 bar and 150 deg C to reveal glaze crazing after dye inspection. Used by glazed tile manufacturers to verify body and glaze fit.

Technical specification

- Tile rack
- Dye solution
- Pressure gauge

Tiles are heated to 150 deg C in steam at 500 kPa for 2 hours, and then examined with dye. Crazing of the glaze shows poor body and glaze fit.

Features

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- Pressure relief valve
- Programmable heating and timer
- Lid with locking ring
- Condensation drain valve
- Safety interlock until cooled

Technical Specifications

Working pressure	Up to 5 bar
Temperature	Up to 160 deg C
Vessel volume	60 litres
Capacity	12 tiles of 100 x 100 mm
Timer	0 to 999 min
Controller	PID digital
Standards	ISO 10545-11, IS 13630 Part 12, ASTM C424
Power	230 V AC, 50 Hz, 4 kW

Standard Accessories