Product name:	Product code:
Autoclave Crazing Resistance Tester for Glazed Sanitaryware	CMI-IND-0551

Description

Pressure autoclave that subjects glazed ceramic sanitaryware to steam at 350 kPa to check glaze crazing resistance. Used by washbasin and WC manufacturers for batch qualification and glaze-body fit studies.

Technical specification

Standard Accessories

- Specimen basket
- Dye penetration kit

Test pieces are placed in a stainless steel autoclave and exposed to a saturated steam pressure of 350 kPa for the specified hours, then dyed and checked for crazing lines. The unit has a programmable controller and safety valves. It helps tune glaze recipes and firing cycles.

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Features

- Stainless steel pressure vessel with safety valve
- Digital pressure and temperature control to 1000 kPa
- Auto safety lock and pressure relief
- Drainage and water level sensor
- Specimen basket for several tiles or sanitaryware pieces

Technical Specifications

Test standards	IS 2556, EN 997 (crazing resistance principle)
Test pressure	0 to 1000 kPa, 350 kPa standard
Temperature	Up to 185 deg C
Chamber size	300 mm dia x 500 mm
Controller	Programmable digital with timer
Vessel	SS 316L, 6 mm
Safety	Safety valve, pressure switch, door lock
Power supply	415 V, 3 phase, 50 Hz, 6 kW