| Product name: | Product code: |
| --- | --- |
| Tile Water Absorption and Porosity Vacuum Test Unit | CMI-IND-0450 |

## Description

Stainless steel vacuum vessel and boiling bath that saturate ceramic and marble tiles for water absorption and apparent porosity calculation. Used by tile and stone factories to classify products by porosity group.

## Technical specification

- Vacuum pump
- Support rack
- Balance hook

Dried tiles are boiled or vacuum-saturated and weighed. Water absorption percentage and apparent porosity are calculated to classify tiles into vitreous, semi-vitreous and porous groups.

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**Features**

- Vacuum assembly with gauge and pump
- Boiling bath with immersion rack
- Hot air drying oven option
- Stainless steel tank
- Timer for 2 hour boiling

**Technical Specifications**

| | |
|---|---|
| Vessel size | 450 x 450 x 300 mm |
| Vacuum | Down to 10 kPa |
| Boiling time | Up to 4 hours |
| Rack capacity | 6 tiles of 200 mm |
| Temperature | Up to 100 deg C |
| Construction | SS 304 |
| Standards | ISO 10545-3, IS 13630 Part 2, ASTM C373 |
| Power | 230 V AC, 50 Hz, 3 kW |

**Standard Accessories**