Product name:	Product code:
Le Chatelier Soundness Test Set with Heating Bath	CMI-IND-0035



Description

Le Chatelier moulds with a thermostatic boiling water bath to determine the volume expansion of cement due to free lime and magnesia. Used in cement plants and receiving labs for soundness checks.

Technical specification

Standards	IS 4031 Part 3, EN 196-3, ASTM C151 (comparison)
Mould capacity	6 moulds
Power supply	230 V AC, 50 Hz, 2 kW

Standard Accessories

- 6 Le Chatelier moulds
- Glass plates
- Measuring scale

Cement paste is filled in split brass moulds, cured for 24 hours and boiled for three hours, and the gap increase between indicator tips measures expansion. The bath brings water to boil within 30 minutes and holds it. The set covers routine batch-wise soundness verification.

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Features

- Six-mould capacity with rack
- Stainless steel bath with cover
- Digital timer for boiling time
- Heating elements bring water to boil within 25 to 30 min
- Includes brass Le Chatelier moulds

Technical Specifications

Mould size	30 mm inner dia x 30 mm height
Indicator arms	165 mm length each, 300 mm total
Bath capacity	25 litre
Temperature	Up to 100 deg C