Product name:	Product code:
Soundness Test Bath with Thermostat for Aggregates	CMI-IND-0020

Description

Thermostatic stainless steel bath holding sample baskets for sodium or magnesium sulphate soundness cycles on aggregates. Used in quarry and highway labs to assess weathering resistance.

Technical specification

- Wire mesh baskets
- Hydrometer
- Drain valve

Aggregate samples in wire baskets are repeatedly immersed in saturated sulphate solution and dried to simulate freeze-thaw type weathering. The bath keeps the solution at 21 +/- 1 deg C for the soak period. It supports durability checks of aggregates used in concrete and bases.

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Features

- Insulated SS 304 tank with lid
- Digital temperature controller and heater
- Includes 10 perforated sample baskets
- Drain valve for solution replacement
- Corrosion-resistant epoxy outer finish

Technical Specifications

Tank capacity	60 litre
Temperature range	Ambient to 60 deg C
Temperature control	+/- 1 deg C
Baskets	10 nos. mesh baskets
Inner material	SS 304, 1.5 mm
Standards	ASTM C88, IS 2386 Part 5
Power supply	230 V AC, 50 Hz, 1.5 kW

Standard Accessories