Product name:	Product code:
Environmental Stress Crack Resistance Test Bath	CMI-IND-0162



Description

Thermostatic bath for bent-strip ESCR testing of polyethylene and other rigid plastics in a surfactant solution. Used by bottle, container and resin makers to rate cracking resistance.

Technical specification

Standards	ASTM D1693, ISO 22088-3
Power Supply	230 V AC, 50 Hz

Standard Accessories

- Specimen holders (10)
- Bending jig
- Notching tool

Notched strips are bent in holders and immersed in a stress-cracking agent held at 50 deg C, and failures are recorded over time. F50 values show how a resin resists cracking from detergents and chemicals. The bath fits 10 holders and holds temperature stable for long-term tests.

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Features

- Stainless steel bath with PID control
- Capacity for 10 specimen holders
- Circulating heater
- Digital timer and alarm
- Over temperature protection

Technical Specifications

Temperature Range	Ambient to 100 deg C
Temperature Accuracy	+/- 0.5 deg C
Bath Volume	approx. 40 litres
Specimen Size	38 x 13 x 3 mm