Product name:	Product code:
Environmental Stress Crack Resistance Test Bath for Molded Parts	CMI-IND-0201

Description

Thermostatic bath for evaluating stress cracking of molded polyethylene and other plastics under bent strip conditions in surfactant. Used by molders of closures, fittings and containers to rank resin grades and process quality.

Technical specification

Standard Accessories

- Specimen racks
- Bending jig
- Notching tool

Notched or bent specimens are immersed in a surfactant solution held at constant temperature while time to crack is recorded. Racks hold many samples at once so batch comparisons are practical. A circulating heater maintains the bath within tight limits.

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Features

- Stainless steel tank with insulated lid
- Circulating heater, 50 deg C
- Holds 10 or 20 specimens
- Digital timer and temperature display
- Bent strip holders included

Technical Specifications

Test Standards	ASTM D1693, ISO 22088
Temperature Range	Ambient to 100 deg C
Temperature Accuracy	+/- 0.5 deg C
Tank Capacity	30 litre
Specimen Holders	Up to 20 bent strips
Controller	Digital PID
Material	SS 304 tank
Power	230 V AC, 50 Hz, 2 kW