Product name:
Environmental Stress Crack Test Bath for Blow Molded Bottles

Product code:
CMI-IND-0275



Description

Thermostatic bath with bottle pressure fittings for stress cracking of blow molded HDPE bottles filled with surfactant. Used by detergent, lubricant and chemical bottle makers to rank resin and wall design.

Technical specification

Tank	SS 304
Controller	PID
Timer	Digital
Power	230 V AC, 50 Hz, 3 kW

Standard Accessories

- Bottle racks
- Pressure caps
- Surfactant

Bottles are filled with surfactant solution, pressurized or loaded and heated in a bath until cracks occur. Failure times are logged for each bottle. Results compare resin grades and processing quality.

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Features

- Bath with lid
- Digital temperature control
- Pressure gauge for each bottle
- Time logger
- Stainless tank

Technical Specifications

Test Standards	ASTM D2561, ISO 16770
Temperature	Ambient to 80 deg C
Stability	+/- 0.5 deg C
Capacity	12 bottles