Product name:	Product code:
Aerospace Material Fluid Immersion Conditioning Bath System	CMI-IND-0422

Description

Stainless steel heated immersion bath that conditions aerospace material specimens in hydraulic fluid, jet fuel or de-icing fluid for up to 1000 hours before mechanical testing. Used by aerospace material qualification laboratories.

Technical specification

- Specimen racks
- Cover
- Fluid drain valve

Specimens are soaked in hydraulic fluid, jet fuel or de-icing fluid at controlled temperatures and then taken to a tensile frame. A precise fluid bath and oven support long exposure without cross contamination.

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Features

- Stainless steel immersion tank with lid
- PID control with over-temperature protection
- Circulation pump for uniform temperature
- Programmable timer up to 1000 hours
- Chemical-resistant gaskets

Technical Specifications

Bath size	30 litres
Temperature range	Ambient to 200 deg C
Uniformity	+/- 1 deg C
Timer	Up to 999 hours
Material	SS 316
Controller	PID digital
Standards	ASTM D471, ASTM D543, ISO 175
Power	230 V AC, 50 Hz, 3 kW

Standard Accessories