Product name:	Product code:
Humidity and Temperature Chamber for Adhesive Bond Ageing	CMI-IND-0156

Description

Programmable climatic chamber that conditions bonded specimens at set temperature and humidity cycles before strength testing. Used to evaluate bond durability for structural and packaging adhesives.

Technical specification

- Shelves (3)
- Sample hanger rack

Adhesive joints are held at 40 to 85 deg C and up to 95 % RH for days or weeks, then tested for strength retention. The data show how the adhesive resists moisture and heat that cause weakening in service. The stainless steel chamber supports programmes with ramp and soak.

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Features

- Range -20 to +150 deg C with 20 - 98 % RH
- Programmable controller with 20 steps
- Stainless steel interior with shelves
- Double-glazed viewing window
- Over-temperature protection

Technical Specifications

Temperature Range	-20 to +150 deg C
Humidity Range	20 - 98 % RH
Chamber Volume	250 litres
Temperature Uniformity	+/- 0.5 deg C
Standards	ASTM D1151, ASTM D3632, IEC 60068-2-78
Power Supply	230 V AC, 50 Hz

Standard Accessories