Product name:	Product code:
Foam Humid Ageing Chamber for Compression Set Testing	CMI-IND-0507

Description

Programmable humidity chamber that conditions foam specimens at 50 to 90 deg C and up to 95 percent RH for humid ageing tests. Used by automotive seating and mattress foam suppliers under ASTM D3574 Test J and ISO 2440.

Technical specification

- Perforated shelves
- Water reservoir
- Specimen racks

Foam specimens are aged under controlled temperature and relative humidity, then re-tested for load and compression change. The chamber has a stainless steel interior and steam humidification for fast recovery. It simplifies repeated humid ageing and steam autoclave simulations.

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Features

- Temperature range ambient +10 to 100 deg C
- RH control 30 to 95 percent
- Stainless steel 304 chamber with viewing window
- PID microprocessor controller with timer
- Over temperature cut off and water level protection

Technical Specifications

Test standards	ASTM D3574 Test J1/J2, ISO 2440, IS 7888
Temperature range	Ambient +10 to 100 deg C
Temperature uniformity	+/-1.0 deg C
Humidity range	30 to 95 percent RH, +/-3 percent
Chamber volume	250 litre
Interior	SS 304
Shelves	3 perforated stainless shelves
Power supply	230 V AC, 50 Hz, 3 kW

Standard Accessories