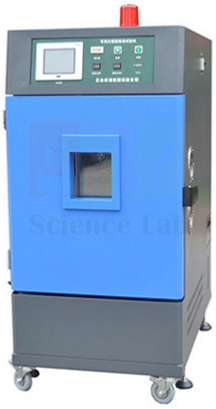
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Humidity Chamber

Product Code :

SLE/CE/111



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Humidity Chamber (Product Code: SLE/CE/111) is a temperature- and humidity-controlled cabinet used to keep specimens and materials at a set relative humidity for conditioning and observation in civil engineering, materials and research laboratories. Testing labs and colleges rely on it when conditions must stay steady over long periods; it creates humidity by steam injection, cools with a hermetically sealed compressor and has a 112 L base capacity. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Capacity	112 L (4 cu ft)
Inner size options (W x D x H)	455 x 410 x 610 mm, 505 x 415 x 830 mm, 570 x 550 x 875 mm, 650 x 580 x 900 mm
Humidity	55% to 90% RH, ± 5%
Humidity range at cool temperatures	5% above ambient, from 55% to 95% RH, ± 3% RH
Humidity creation	Steam injection
Humidity controller	Digital humidity indicator-cum-controller
Temperature control	Microprocessor-based digital temperature controller cum indicator; PID control with Pt 100 sensor; automatic
Temperature range	To be confirmed at quotation (not clearly stated in the current listing)
Air circulation	Forced convection type, with precision air ducting for positive air flow
Cooling	Hermetically sealed compressor with CFC-free refrigerant
Inner chamber	Highly polished stainless steel sheet, with stainless steel adjustable shelves
Outer body	Mild steel, powder coated
Insulation	PUF insulation between inner and outer walls to limit thermal loss
Doors	Two doors: inner full-length transparent door, and double-walled main door with sturdy hinges and magnetic gasket
Electric supply	220/230 V AC, 50/60 Hz
Product code	SLE/CE/111
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Humidity Chamber Used For?

Many
moist