

SALT SPRAY TEST CABINET



The Salt Spray Test Cabinet is designed to evaluate the corrosion resistance of coated and metallic surfaces by exposing test specimens to a controlled saline fog environment. The test simulates aggressive marine and industrial conditions and is conducted in accordance with IS 101 Part 1 Section 6, making it suitable for paints, coatings, surface treatments, and protective finishes

SPECIFICATION:

Parameter	Specification
Applicable Standard	IS 101 (Part 1 / Section 6)
Total Chamber Volume	70Litres
Chamber Size	680x 420 x 410 mm
Chamber Material	6 MM thick Perspex chamber with control panel
Test Temperature	35°C ± 2°C
Salt Solution Concentration	5% NaCl solution
Fog Collection Rate	1.0 – 2.0 ml
Spray System	Pneumatic atomizing spray nozzle
Air Pressure	15 – 25 psi
Specimen Holders	Adjustable non-metallic sample racks
Control Panel	Digital temperature display, heater & timer controls
Power Supply	230 V AC, 50 Hz, Single Phase
Safety Features	Over-temperature protection, low water level cut-off