



Parameter	Details
Name of the Equipment	PLC Controlled Walk-in-Stability Test Chamber
Control System	Programmable Logic Control with Safety controller, auto changeover of Standby systems & other event managements with 7" Color HMI with touch screen and Ethernet connectivity
Memory	200000 records
Air Circulation	Smart designed to achieve optimum energy utilization with integrated cooling, heating, and humidifying system. The air flow is designed to ensure uniformity of temperature under loaded conditions.
Alarm	Audio Visual Alarm if the temperature deviates from the preset temperature
Lighting	Interior illumination for working area
Insulation	80mm Thick CFC-free PUF Insulated modular cabinet
Heating System	U-shaped S.S. Nichrome wire air heaters
Observation Window	Full view see-through Glass Window
Refrigeration System	Cooling is achieved by a "AQUACHILL" chilled water refrigeration system
Humidity System	Non-condensing type steam injection system with water level arrangement and insulation to save heat energy

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Parameter	Details
Rack and Trays	Specially designed adjustable rack and solid stainless-steel wire mesh trays ensure even distribution of temperature and humidity
Power	Works on 230/430 V AC single / three phase 50Hz
Other	MCB, Heavy duty latch with lock & key
Safety Features	1. Float switch to cut off mains in case of low boiler water level 2. Safety thermostat to prevent overheating 3. 180-sec compressor ON delay
Password Protection	Authority level access for controls and separate password at user level
Certifications	ISO 9001:2015 and ISO 13485:2016
Documentations	will provide IQ, OQ, PQ documents with material test certificates and calibration reports

SPECIFICATIONS :

Specification	Value
Temperature Range	20°C to 60°C
Temperature Accuracy	± 0.2°C
Temperature Uniformity	± 2°C
Humidity Range	40% RH to 95% RH
Humidity Accuracy	± 2% RH
Humidity Uniformity	± 3% RH
ICH Conditions	25°C/60%RH, 30°C/65%RH, 30°C/75%RH, 40°C/75%RH

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