ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

CE

STABILITY CHAMBER

MODEL NO. AS-SC-448

Advance Science Stability Chamber is designed for precise control of temperature, humidity and illumination to provide a stable environment for stability studies, accelerated studies and various research applications in pharmaceutical, biotechnology and other scientific fields.



- PRECISE TEMPERATURE CONTROL
- WIDE HUMIDITY RANGE
- PLC WITH HMI TOUCH SCREEN
- RELIABLE REFRIGERATION SYSTEM
- UNIFORM ENVIRONMENT CONDITIONS
- STAINLESS STEEL INTERIOR

KEY FEATURES

- Precise temperature and humidity control
- PLC with HMI touch screen (3.8")
- Axial fan air circulation
- CFC free eco-friendly refrigeration system
- Stainless steel interior with mirror polish
- Stainless steel tank with heater for humidification
- Uniform temperature and humidity distribution
- Reliable and easy to operate
- Suitable for stability studies and research applications

TECHNICAL SPECIFICATIONS

Automation Grade	Automatic
Power	2000 Watt
Capacity	448 liter
Temperature Accuracy	+/- 1 deg Celcius
Humidity Range	55% to 95%
Optional	NA
Temperature Controller	PLC with HMI touch screen 3.8
Air Circulation	Axial Fan
Temperature Range	5 to 60 deg C

Humidity Controller	Microprocessor PID Controller
Temperature Uniformity	+/- 2 deg Celcius
Refrigeration	CFC Free compressor with condenser, motor and relay complete unit
Insulation	63mm by puff
Number of Trays	3
Supply Voltage	220 Volt
Resoluation	+/- 0. 1 %RH
Humidity Uniformity	+/- 5 %RH
Outer Material	Stainless Steel Matt Buff
Humidity System	Stainless Steel Tank with Heater
Humidity Accuracy	+/- 5 %RH
Inner Material	Stainless Steel with Mirror Polish

APPLICATIONS

- Pharmaceutical Stability Studies
- Biotechnology Research
- Plant Tissue Culture
- Life Science Research
- Quality Control Testing
- Research Laboratories
- Academic & Research Institutes

info@advancescience.in | www.advancescience.in

ADVANCE SCIENCE | MSME | ISO | CE