

# Humidity/ Stability Chamber

Humidity/Stability Chambers are exclusively designed for maintaining crucial environmental parameters of humidity and temperature. Accurate environmental conditions are created within the chamber to perforated different experim-ents without going on to the field.

## About

- Hot and cold cycles
- Custom
- Cyclic process controls
- Removable shelves for easy loading.
- Sturdy wheels.
- Allow mobility.
- Air-cooled refrigeration system.
- Pre attached data logger with data analysis software.



# Key Features

## Humidity/Stability Chamber



Chamber Volume: 2/4/6/10/12CFT

Interior dimensions: Will vary as per capacity

Construction (External): Epoxy powder coated MS sheets

Construction (Internal): High grade SS 304 stainless steel

Temperature range: 5°C to 60°C

Temperature sensitivity:  $\pm 1$  degrees

Humidity range: 35-95%RH

Humidity sensitivity:  $\pm 3$ %RH

Temperature sensor: PT-100

Water reservoir: 14 Ltrs.

Heater Safety: Low water level cut off system

Water Intake: Automatic

Alarm: Audio visual alarm on temperature deviation, water low and door open

Inner illumination: On door opening

Water quality: Distilled/ionized

Shelves Standard: 2

Temperature controller: Solid State PID Controller

Display: Graphic display

Display accuracy: 0.5% full scale

Nominal voltage: 220-230V, 50 Hz, single phase

Power requirements: 2000W

Model No.: LSI-EVC-HMC-100L

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