

## Humidity Oven



### **Model no. SLE HM0 19:**

**Humidity Oven / Stability Chamber** is a unique test cabinet designed to create temperature and relative humidity inside the chamber to detect the change in the physical characteristics of material and to ascertain the actual working life of testing device. SUN LAB make humidity chamber is complies all international standard.

- Double walled in construction.
- Inner made of stainless steel with mirror polish.
- Outer body made of mild steel with powder coat finish.
- Vertical – Model /Front opening door with magnetic full flap gasket top minimize the heat loss.
- Inner full-length glass door for viewing of specimens without disturbing inside temperature.
- Rear mounts motor with blower for air circulation & uniformity.
- Top mounted control panel for easy access.
- Solid State Digital Temperature Controller & RTD - P.T – 100 Sensors.
- Temp. Range: 10 Deg C to 60 deg C
- Resolution: 0.1 deg C.
- Solid State Digital RH Controller with HS – 220 direct RH indication Sensor.
- Humidity Range: 40 deg Temperature 75% Rh up to 95% Rh
- RH Resolution: 1 %.
- S.S. made argon welded steam generator with kettle type heating element.
- Low Water Level Circuit with Buzzer acknowledgement.
- S.S. Tubular heating element.
- Individual Safety thermostat & glass fuse for heating & boiler.
- S.S. Rods made shelves with adjustable runners

Equipped with CFC free refrigerants and air cooled compressors, the instrument performs conditioning procedures required in various industries. The Humidity Chamber comes with aerodynamically shaped fans for maintaining heating, cooling, humidification and dehumidification efficiency and provides environmental simulations.

### Key Specifications:

Capacity / Working size	18 x 18 x 18 inches 20 x 20 x 28 inches 20 x 22 x 34 inches 24 x 24 x 36 inches 24 x 24 x 38 inches
Display	LED (Digital)
Accuracy	Temp. $\pm 2^{\circ}\text{C}$ / Humidity $\pm 5\%$
Least Count/Resolution Temp / Humidity	0.1 $^{\circ}\text{C}$ / 1%
Power	220-230 V, Single phase, 50 Hz
Temperature Range	10 $^{\circ}\text{C}$ to 60 $^{\circ}\text{C}$
Humidity Range	up to to 95%RH
Timer	Optional
Water Level Low	Alarm output

### Highlights:

No. of Sample racks	2
Handle	Yes
Wet Heater	1 Kw, 1 no. Kettle heater
Dry Heater	1 Kw, 1 no. U type heater
Temperature Sensor	1 (PT-100) RTD
Humidity Sensor	1 (RH)
Movement	Castor Wheels
Material	Mild Steel (Outer Body) Stainless Steel (Inner Body)
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish

### some of our esteem clients....

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### Some of our Key LAB PRODUCTS:

					
Humidity Oven	Autoclave	Muffle Furnace	Vacuum Oven	Constant Temp Bath	BOD Incubator

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