

HUMIDITY CABINET

GENESYS ENVIRONMENTAL STABILITY CHAMBERS are specifically designed for carrying out various stability tests on Pharmaceutical, Biomedical, Healthcare, Food, and Biotechnology Products. All the units comprise of microprocessor based temperature and Humidity controller that controls the temperature precisely to within $\pm 0.1^{\circ}\text{C}$ / $\pm 1\%\text{RH}$ of the set value using an advanced sensor technology. A large digital display lets you set and see the actual temperature and Humidity. A soft key on the front panel allows calibration of the displayed value to any standard temperature and Humidity reading.

TECHNICAL SPECIFICATIONS



- ☐ Temperature Range : 4°C to 60°C
- ☐ Temperature Accuracy : $\pm 0.5^{\circ}\text{C}$ @ 37°C
- ☐ Temperature Uniformity : $\pm 1^{\circ}\text{C}$
- ☐ Humidity Range : 25% to 95% RH
- ☐ Humidity Accuracy : $\pm 1\%\text{RH}$
- ☐ Humidity Uniformity : $\pm 3\%\text{RH}$
- ☐ Heating : U-shaped Nichrome wire heater in SS sheathing
- ☐ Cooling : CFC free Copeland make Compressor utilizing R134a ecofriendly refrigerant, with condenser motor and relay
- ☐ Steam Injection : Boiler with reservoir made of thick stainless steel, with heater, water inlet Control, low water level safeguard
- ☐ Temperature Sensor : PT-100 & RH sensor: Direct Capacitan Type
- ☐ Illumination : Fluorescent light with door switch
- ☐ Air Circulation : Flange motor with impeller
- ☐ Castors Wheels are provided.
- ☐ Alarm for Temperature and humidity Deviation is provided.

MODEL SELECTION

Catalog No.	Internal Dimensions (WDH) in cm	Approx. Liter Capacity
GHC - 150	42x42x62	110
GHC - 210	45x45x85	175
GHC - 270	50x50x100	250
GHC - 310	50x50x120	300

OPTIONAL FEATURES

- ☐ 0-24 hrs Digital cyclic timer for cyclic illumination control
- ☐ Microprocessor based Multi data logger system
- ☐ RS 232/485 computer connectivity (PC interface)
- ☐ Mobile alert through GSM
- ☐ Complete with IQ OQ and PQ documentation.

Safety Features :

- ☐ High temperature safety cut off
- ☐ Low water level boiler cut off
- ☐ Electrical overload cutoff relay for compressor
- ☐ Time delay for compressor switch ON
- ☐ Electrical circuit breaker
- ☐ Water level Indicator