

LABORATORY



STABILITY TEST CHAMBERS
MODEL : MORH 100/150/250/150-3T

MoonMed Model: MORH 100/150/250/150-3T

Model Sizes:

Four standard model sizes 100L, 150L, 250L and 260L (We can custom make any missing sizes on demand)



CLIMATE TEST CHAMBER

- Shelf Life Testing
- Stability Testing
- Expiration date testing
- Accelerated Ageing
- Pharmaceutical packaging testing
- Life science
- Personal care
- Medical
- Biomedical storage
- Research and many more applications

Temperature Range: - 10°C to 85°C
Volume: 100/150/250/260L



MODEL MORH 150 3T



FEATURES

Our RH chambers were introduced to the market nearly 20 years ago. Hundreds of stability chambers are presently in use by many pharmaceutical, cosmetic, nutraceutical, medical device, and research companies around the world.

These environmental chambers control humidity from ambient to 95% standard using our ultrasonic or steam humidity generators. Humidity ranges lower than ambient can be achieved with different air dryers or sometimes a simple compressed air connection. The units are made in robust anti-rust material. Fully programmable, Temperature, Humidity and different gas is an option. Lights can be added in the chamber as UV fluorescent lamps or UV LED. The air circulation is Side to Side air circulation or back to front for an excellent environment uniformity

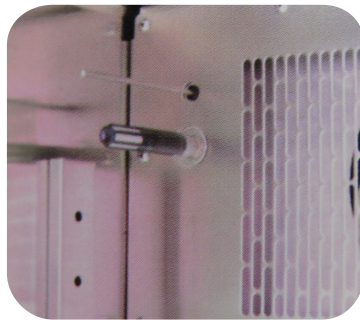
Control Panel

- Simple Key Pad controller
- LCD screen display
- Function LED lights
- SV/PV display at the same time
- Ramp Control program sequencing



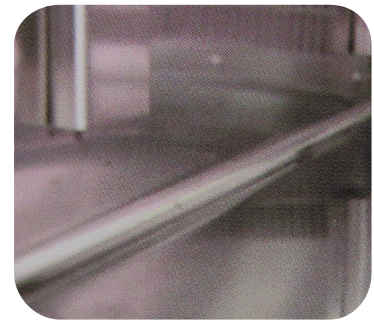
Climate Control

- Temperature PT 1000
- Import RH sensor
- Automatic Refill system
- Inner 10L RO water tank
- Out 20L RO water tank



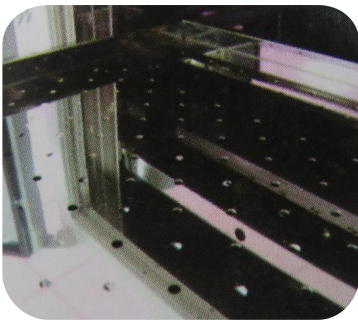
Inner Structure

- Arc structure
- Round corners
- Heavy load structure
- Anti-rust material



Shelving

- Min to max 18 trays
- SUS perforated trays
- Height adjustable
- Removable



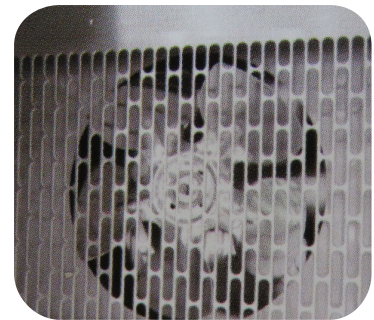
Inlet Port

- Measurement access port
- Air Inlet
- Well insulated cover
- Size adjustable



Air Circulation

- Fan with 5 SUS blades
- Exceptional uniformity
- Back to front forced air circulation
- Long lifespan fan



TECHNICAL DATA

MODEL	MORH-100	MORH-150	MORH-250	MORH-150 3T
Temperature Range	-10°C - +85°C	-10°C - +85°C	-10°C - +85°C	0°C - +100°C
Temperature Fluctuation	±0.1°C @ 37°C	±0.1°C @ 37°C	±0.1°C @ 37°C	±0.5°C @ 37°C
Temp. Control Accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Humidity Range	25% - 95% RH	25% - 95% RH	25% - 95% RH	45% - 95% RH
Humidity Fluctuation	±1.5%	±1.5%	±1.5%	±3% @ 25°C
Humidity Control Accuracy	±1%	±1%	±1%	±1%
Humidifier Type	Steam Humidifier	Steam Humidifier	Steam Humidifier	Steam Humidifier
Program	PID microprocessor Ramp / No ramp program	PID microprocessor Ramp / No ramp program	PID microprocessor Ramp / No ramp program	PID microprocessor Ramp / No ramp program
Alarm	High Temperature and RH Alarm / Low water level Alarm	High Temperature and RH Alarm / Low water level Alarm	High Temperature and RH Alarm / Low water level Alarm	Multi programs - multi steps (Clock / Timer)
Data	Printer connector	Printer connector	Printer connector	USB export data
Air Circulation	Back to front horizontal forced airflow	Back to front horizontal forced airflow	Back to front horizontal forced airflow	Back to front horizontal forced airflow
Cooling System	Air cooled condensing unit / CFC free refrigerant	Air cooled condensing unit / CFC free refrigerant	Air cooled condensing unit / CFC free refrigerant	Air cooled condensing unit / CFC free refrigerant
Overview Dimensions	W610 x D750 x H11655mm	W685x D750 x H11335mm	W785 x D790 x H1525mm100L	W1000 x D770 x H2000mm100L
Working Volume	100L	150L	250L	260L
Interior Material	Stainless Steel #304	Stainless Steel #304	Stainless Steel #304	Stainless Steel #304
Exterior Material	Coated steel	Coated steel	Coated steel	Coated steel
Insulation	PUF insulation	PUF insulation	PUF insulation	PUF insulation
Door	Door with Free condensation observation window	Door with Free condensation observation window	Door with Free condensation observation window	Door with Free condensation observation window
Tiers	2 / 9 tiers height adjustable	3 / 13 tiers height adjustable	3 / 18 tiers tiers height adjustable	3 tiers height adjustable
Safety Device	Overheat protection / Over load protection	Overheat protection / Over load protection	Overheat protection / Over load protection	Overheat protection / Over load protection
Power	Adapted to the users electric system	Adapted to the users electric system	Adapted to the users electric system	Adapted to the users electric system

📍 12 Abbey View, Radlett, Herts, WD7 8LT, United Kingdom

🌐 www.moonmed.com ✉ admin@moonmed.com \ info@moonmed.com

☎ +44 20 8133 2292 📠 +44 20 8133 2292



