

# STABILITY TEST CHAMBER



# STABILITY TEST CHAMBER

For free long term operation, it is designed with laser technology and microprocessor controlling system, excellent insulation is used for preventing heat loss. Especially designed to perform shelf life and stability studies on drug substances and drug products and compatible for long term stability test for food and vaccines.

Used in Especially designed to perform shelf life and stability studies on drug substances and drug products.

Compatible for long term stability test for food and vaccines..

Also known as Stress Testing Chamber, Laboratory Stability Test Chamber.

## CHA42 STABILITY TEST CHAMBER

**ALLCOLD Refrigeration Technology:** Auto defrost, multiple security system, long time running, environmental protection, high efficiency and energy saving, Auto-defrost function, Imported DuPont SUVA R134 a environmental refrigerant.

**ALLFLOW Perfect Air Current Cycling:** Perfect forced convection, maximum number of working room, minimum temperature recovery time after the opening, world famous axial fan, perfect air current design.

**ALLSENS Programmable PID Control:** Adaptive PID controller precisely controls the temperature and humidity, prevent temperature soaring, keep working room temperature stable and uniformity.

Excellent Imported temperature and humidity Sensor.



## SPECIFICATIONS

Model	CHA42-150HR	CHA42-150	CHA42-250HR
Capacity	150 L		250 L
Temperature Range	10°C~ 65°C (with illumination) /0°C~ 60°C (without illumination)		
Temperature Uniformity	±1°C (10-40°C)		
Temperature Fluctuation	±0.5°C		
Temperature Resolution	0.1°C		
Humidity Range	50-90%	50-95%	50-90%
Humidity Fluctuation	±2%	±3%	±2%
Using Environment Temperature	Ambient temp.10 ~ 30°C		
Using Environment Humidity	<70%		
Convection Mode	Forced convection		
Illumination Range	0 ~ 6000 lux (5 stages adjustable)		
Control System	30 Stages Microcomputer PID		
Shelves	3		4
Inner Dimension	760H x 510W x 390D mm		1100H x 510W x 450D mm
Overall Dimension	1410H x 650W x 680D mm		1730H x 650W x 740D mm
Weight (Net/Gross)	107.5 kg		145 kg
Interior Material	SUS304 stainless steel cavity		
Power	1080 W		1100 W
Power Supply	Single phase AC220V/50Hz		

Model	CHA42-250	CHA42-400HR	CHA42-400
-------	-----------	-------------	-----------

Capacity	250 L		400 L	
Temperature Range	10°C~ 65°C (with illumination) /0°C~ 60°C (without illumination)			
Temperature Uniformity	±1°C (10-40°C)		±1.5°C (10-40°C)	
Temperature Fluctuation	±0.5°C			
Temperature Resolution	0.1°C		0.1°C	0.1°C
Humidity Range	50-95%		50-90%	50-95%
Humidity Fluctuation	±3%		±2%	±3%
Using Environment Temperature	Ambient temp.10 ~ 30°C			
Using Environment Humidity	<70%			
Convection Mode	Forced convection			
Illumination Range	0 ~ 6000 lux (5 stages adjustable)			
Control System	30 Stages Microcomputer PID			
Shelves	4			
Inner Dimension	1100H x 510W x 450D mm		1050H x 600W x 640D mm	
Overall Dimension	1730H x 650W x 740D mm		1700H x 745W x 930D mm	
Weight (Net/Gross)	145 kg		175 kg	
Interior Material	SUS304 stainless steel cavity			
Power	1100 W		1350 W	
Power Supply	Single phase AC220V/50Hz			



CHA42-150HR



CHA42-150



CHA42-250HR



CHA42-250



CHA42-400HR



CHA42-400

# CHA41 DRUG STABILITY TEST CHAMBER

**ALLCOLD Refrigeration Technology:** Auto defrost, multiple security system, long time running, environmental protection, high efficiency and energy saving, Auto-defrost function, Imported DuPont SUVA R134 a environmental refrigerant.

**ALLFLOW Perfect Air Current Cycling:** Perfect forced convection, maximum number of working room, minimum temperature recovery time after the opening, world famous axial fan, perfect air current design.

**ALLSENS Programmable PID Control:** Adaptive PID controller precisely controls the temperature and humidity, prevent temperature soaring, keep working room temperature stable and uniformity.

Excellent Imported temperature and humidity Sensor.



## SPECIFICATIONS

Model	CHA41-150	CHA41-250	CHA41-400
Capacity	150 L	250 L	400 L
Temperature Range	0°C~65°C		
Temperature Uniformity	±1°C (10-40°C)		±1.5°C (10-40°C)
Temperature Fluctuation	±0.5°C		
Temperature Resolution	0.1°C		
Humidity Range	50-95%		
Humidity Fluctuation	±3%		
Using Environment Temperature	Ambient temp.10 ~ 30°C		
Using Environment Humidity	<70%		
Convection Mode	Forced convection		
Control System	30 Stages Microcomputer PID		
Shelves	3	4	
Inner Dimension	760H x 510W x 390D mm	1100H x 510W x 450D mm	1050H x 600W x 640D mm
Overall Dimension	1410H x 650W x 680D mm	1730H x 650W x 740D mm	1700H x 745W x 930D mm
Weight (Net/Gross)	107/132 kg	135/162 kg	158/186 kg
Interior Material	SUS304 stainless steel cavity		
Power	1080 W	1100 W	1350 W
Power Supply	Single phase AC220V/50Hz		



CHA41-150



CHA41-250



CHA41-400



***Centrifugen***

**Centrifugen**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@centrifugen.com](mailto:info@centrifugen.com) | Website: [centrifugen.com](http://centrifugen.com)