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			
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

CHA019 STABILITY TEST CHAMBER

Microprocessor control, stainless steel chamber, semicircular arcs at corners for easy cleaning

Even air circulating system

R134a refrigerant, 2 imported compressors and fan motor

Over temperature and temperature difference alarms

Imported humidity sensor which can be used in high humidity environment

Balance temperature and humidity adjusting system

There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement

UV light system for periodic sterilization of chamber.(Option)

Independent audible and visible temperature-limiting alarm system ensures experiments run safely

RS485 connector can connect computer record and inspect the parameters and the variations of temperature

SPECIFICATIONS

Model	CHA019-080A	CHA019-150A	CHA019-250A	CHA019-080B
Capacity	80 L	150 L	250 L	80 L
Temperature Range	0-65°C			
Temperature Stability	±0.5°C			
Temperature Uniformity	±2°C			
Humidity control range	35-95%RH			
Humidity Stability	±3%RH			
Timing Range	1-99 hours each period			
Humidity and temp adjusting	Balance temperature and humidity adjusting			
Cooling system/cooling mode	Two sets of imported compressor work rotationally			-
Controller	Programmable(LCD screen)			Programmable(touch screen)
Sensor	Temp: Pt100, Humidity: capacitance sensor			
Ambient Temperature	RT+5-30°C			
Electrical Requirement	AC 220 V 50 Hz			
Power Consumption	2000 W	2100 W	2300 W	2000 W
Interior Dimension	400Wx400Dx500H mm	550Wx405Dx670H mm	600Wx500Dx830H mm	400Wx400Dx500H mm
External Dimension	550Wx790Dx1080H mm	690Wx805Dx1530H mm	740Wx890Dx1680H mm	550Wx790Dx1080H mm
Shelves	2 pcs	3 pcs		2 pcs
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections			
Illumination	-	-	-	-
Illumination difference	-	-	-	-
Remark	-	-	-	-

Model	CHA019-150B	CHA019-250B	CHA019-150C	CHA019-250C
Capacity	150 L	250 L	150 L	250 L
Temperature Range	0-65°C		0-65°C without illumination	

Temperature Stability	±0.5°C			
Temperature Uniformity	±2°C			
Humidity control range	35-95%RH			
Humidity Stability	±3%RH			
Timing Range	1-99 hours each period			
Humidity and temp adjusting	Balance temperature and humidity adjusting			Balance temperature adjusting
Cooling system/cooling mode	Two sets of imported compressor work rotationally			
Controller	Programmable(touch screen)		Programmable(LCD screen)	
Sensor	Temp: Pt100, Humidity: capacitance sensor			
Ambient Temperature	RT+5-30°C			
Electrical Requirement	AC 220 V 50 Hz			
Power Consumption	2100 W	2300 W	2250 W	2500 W
Interior Dimension	550Wx405Dx670H mm	600Wx500Dx830H mm	550Wx405Dx670H mm	600Wx500Dx830H mm
External Dimension	690Wx805Dx1530H mm	740Wx890Dx1680H mm	690Wx805Dx1530H mm	740Wx890Dx1680H mm
Shelves	3 pcs			
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections			
Illumination	-	-	0-6000LX adjustable	
Illumination difference	-	-	≤±500LX	
Remark	-	-	intensity of illumination detector.	

Model	CHA019-150D	CHA019-250D	CHA019-150E	CHA019-250E
Capacity	150 L	250 L	150 L	250 L
Temperature Range	10-50°C with illumination		0-65°C without illumination	
Temperature Stability	±0.5°C			
Temperature Uniformity	±2°C			
Humidity control range	35-95%RH		-	-
Humidity Stability	±3%RH		-	-
Timing Range	1-99 hours each period			
Humidity and temp adjusting	Balance temperature adjusting			
Cooling system/cooling mode	Two sets of imported compressor work rotationally			
Controller	Programmable(touch screen)		Programmable(LCD screen)	
Sensor	Temp: Pt100, Humidity: capacitance sensor		Temp: Pt100	
Ambient Temperature	RT+5-30°C			
Electrical Requirement	AC 220 V 50 Hz			
Power Consumption	2250 W	2500 W	1450 W	1700 W
Interior Dimension	550Wx405Dx670H mm	600Wx500Dx830H mm	550Wx405Dx670H mm	600Wx500Dx830H mm
External Dimension	690Wx805Dx1530H mm	740Wx890Dx1680H mm	690Wx805Dx1530H mm	740Wx890Dx1680H mm
Shelves	3 pcs			
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections			
Illumination	0-6000LX adjustable			
Illumination difference	≤±500LX			
Remark	intensity of illumination detector.			

Model	CHA019-400E
Capacity	400 L
Temperature Range	0-65°C without illumination
Temperature Stability	±0.5°C
Temperature Uniformity	±2°C
Humidity control range	-
Humidity Stability	-
Timing Range	1-99 hours each period
Humidity and temp adjusting	Balance temperature adjusting
Cooling system/cooling mode	Two sets of imported compressor work rotationally
Controller	Programmable(LCD screen)
Sensor	Temp: Pt100
Ambient Temperature	RT+5-30°C
Electrical Requirement	AC 220 V 50 Hz
Power Consumption	3200 W
Interior Dimension	700Wx550Dx1140H mm
External Dimension	950Wx850Dx1850H mm
Shelves	4 pcs
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections
Illumination	0-6000LX adjustable
Illumination difference	≤±500LX
Remark	intensity of illumination detector.

CHA019-080A	CHA019-150A	CHA019-250A	CHA019-080B
CHA019-150B	CHA019-250B	CHA019-150C	CHA019-250C

CHA019-150D

CHA019-250D

CHA019-150E

CHA019-250E

CHA019-400E

CHA020 STABILITY TEST CHAMBER

Microprocessor control, stainless steel chamber, semicircular arcs at corners for easy cleaning

Even air circulating system

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Over temperature and temperature difference alarms

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Balance temperature and humidity adjusting system

There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature measurement

UV light system for periodic sterilization of chamber.(Option)

Independent audible and visible temperature-limiting alarm system ensures experiments run safely

RS485 connector can connect computer record and inspect the parameters and the variations of temperature

SPECIFICATIONS

Model	CHA020-0500A	CHA020-0500B	CHA020-0800A	CHA020-0800B
Capacity	500 L		800 L	
Temperature Range	0-65°C			
Temperature Stability	±0.5°C			
Temperature Uniformity	±2°C			
Humidity control range	35-95%RH	36-95%RH	37-95%RH	38-95%RH
Humidity Stability	±3%RH			
Cooling system cooling mode	Two sets of imported compressor work rotationally			
Controller	Programmable (touch screen)			
Sensor	Temp: Pt100, Humidity: capacitance sensor			
Ambient Temperature	RT+5-30°C			
Electrical Requirement	AC 220 V 50 Hz		AC 380 V 50 Hz	

Power Consumption	3750 W		7150 W	
Interior Dimension	670Wx725Dx1020H mm		800Wx590Dx1650H mm	
External Dimension	850Wx1100Dx1930H mm		1360Wx890Dx2000H mm	
Shelves	4 pcs			
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections			
Illumination	-	-	-	-
Illumination difference	-	-	-	-

Model	CHA020-1000A	CHA020-1000B	CHA020-1500A	CHA020-1500B
Capacity	1000 L		1500 L	
Temperature Range	0-65°C			
Temperature Stability	±0.5°C			
Temperature Uniformity	±2°C			
Humidity control range	39-95%RH	40-95%RH	41-95%RH	42-95%RH
Humidity Stability	±3%RH			
Cooling system cooling mode	Two sets of imported compressor work rotationally			
Controller	Programmable (touch screen)			
Sensor	Temp: Pt100, Humidity: capacitance sensor			
Ambient Temperature	RT+5-30°C			
Electrical Requirement	AC 380 V 50 Hz			
Power Consumption	7150 W		10600 W	
Interior Dimension	1050Wx590Dx1650H mm		1550Wx590Dx1650H mm	
External Dimension	1610Wx890Dx2000H mm		2110Wx890Dx2000H mm	
Shelves	4 pcs			
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections			
Illumination	-	-	-	-
Illumination difference	-	-	-	-

Model	CHA020-0500C	CHA020-0500D	CHA020-0800C	CHA020-0800D
Capacity	500 L		800 L	
Temperature Range	0-65°C without illumination	10-50°C with illumination	0-65°C without illumination	10-50°C with illumination
Temperature Stability	±0.5°C			
Temperature Uniformity	±2°C			
Humidity control range	43-95%RH	44-95%RH	45-95%RH	46-95%RH
Humidity Stability	±3%RH			
Cooling system cooling mode	Two sets of imported compressor work rotationally			
Controller	Programmable (touch screen)			
Sensor	Temp: Pt100, Humidity: capacitance sensor			
Ambient Temperature	RT+5-30°C			
Electrical Requirement	AC 220 V 50 Hz		AC 380 V 50 Hz	
Power Consumption	3910 W		7350 W	
Interior Dimension	670Wx725Dx1020H mm		800Wx590Dx1650H mm	
External Dimension	850Wx1100Dx1930H mm		1360Wx890Dx2000H mm	
Shelves	4 pcs			

Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections
Illumination	0-6000LX adjustable
Illumination difference	≤±500LX

Model	CHA020-1000C	CHA020-1000D	CHA020-1500C
Capacity	1000 L	1500 L	
Temperature Range	0-65°C without illumination	10-50°C with illumination	
Temperature Stability	±0.5°C		
Temperature Uniformity	±2°C		
Humidity control range	47-95%RH	48-95%RH	49-95%RH
Humidity Stability	±3%RH		
Cooling system cooling mode	Two sets of imported compressor work rotationally		
Controller	Programmable (touch screen)		
Sensor	Temp: Pt100, Humidity: capacitance sensor		
Ambient Temperature	RT+5-30°C		
Electrical Requirement	AC 380 V 50 Hz		
Power Consumption	7350 W	10800W	
Interior Dimension	1050Wx590Dx1650H mm	1550Wx590Dx1650H mm	
External Dimension	1610Wx890Dx2000H mm	2110Wx890Dx2000H mm	
Shelves	4 pcs		
Safety Device	Compressor overheating and overpressure protection, Fan overheating protection Over temperature protection, Overload protection, Water protections		
Illumination	0-6000LX adjustable		
Illumination difference	≤±500LX		

CHA020-0500A

CHA020-0500B

CHA020-0800A

CHA020-0800B

CHA020-1000A

CHA020-1000B

CHA020-1500A

CHA020-1500B

CHA020-0500C

CHA020-0500D

CHA020-0800C

CHA020-0800D

CHA020-1000C

CHA020-1000D

CHA020-1500C

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