Chest Type Shaking Incubator CS-1200, 220V/50Hz



The Iris Chest Type Shaking Incubator CS-1200 is suitable for cell culturing, cell aeration, and solubility studies. In addition to offering stable temperature conditions, the Iris incubator shakers use an orbital agitation at variable speeds to affect the growth of cell cultures.

The CS-1200 Chest Type Shaking Incubator is suitable for applications in modern laboratories, research centres and production facilities. It offers a large shaking capacity with a small footprint and also many features allowing straightforward, safe handling of product.

- Inside material is SUS304 and outside body is powder painting
- Screen-touch panel
- Install light to view inside clearly
- The compressor will be delayed to start working if power cut and with timer for defrost. Using environmental protection cold-media R134a.
- With safety switch to stop shaking when opening door
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Transparent glass observation window.
- Uses brushless AC motor for long durability and stable performance of the shaking system.
- Overheat and over low protector, built-in circulating fan for temperature stability.

Technical Specification:

Model	CS-1200
Display and Control	LED Digital Display / On-Touch Control
Vibration Style	Orbital
Platform Size (mm)	600 x 480 mm
Capacity (liters)	205 liters
Temperature Range (℃)	Ambient+5℃ ~ 70℃
Temperature Accuracy (℃)	±0.1℃ (38℃)
Temperature Stability (℃)	±1℃ (at 38℃)
Temperature Uniformity (℃)	±1℃ (at 38℃)
Temperature Fluctuation □℃□	±1℃ (at 38℃)
Temperature Setting	Digital
Temperature Controller	Micro-computer PID temperature controller
Temperature Display	LED 2-screen digital display actual and setting temperature
Shaker Controller	Microprocessor Digital LED
Shaker Power Unit	Brushless motor
Shaking Methods	Orbital
Shaking Throw (mm)	50mm
Shaking Width (mm)	50mm
Speed Accuracy (rpm)	±1rpm (at 150rpm)
Speed Fluctuation (rpm)	±1rpm (at 150rpm)
Speed Setting	Digital
Speed Controller	Microprocessor Controlled Digital
Speed Display	Digital
Shaking Plate	600 x 480 mm
Inside Dimension (WxDxH) mm	680 x 560 x 540 mm
Timer	999 h / 999 min / 999 sec
Heater	1200W
Illumination	Fluorescent Lamp 20 W
External Dimensions (WxDxH) mm	1010 x 640 x 870 mm
Net Weight (kg)	160 kg
Electrical Requirements	220V/50Hz
Catalogue No.	5404505-2

Technical Data:

Model	CS-1200		CS-1200R		CS-1400		CS-1400R	
Temperature Range (?)	Ambient+5?~70?		0?~70?		Ambient+5?~70?		0?~70?	
Temperature Accuracy (?)	±0.1?							
Temperature Control	PID temperature control							
Temperature Display	LED digital display							
Shaking Speed (rpm)	20~250 r.p.m							
Shaking Width (mm)	50 mm							
Timer	999 h / 999 min / 999 sec							
Heater	1200 W							
Illumination	Fluorescent lamp 20W							
Refrigerator	N/A		1/4 HP		N/A		1/3 HP	
Volume	205 L		205 L		381 L		381 L	
Shaking Plate (WxD) mm	600 x 480 mm				960 x 600 mm			
Inside Dimension (WxDxH) mm	680 x 560 x 540 mm				1040 x 680 x 540 mm			
Outside Dimension (WxDxH) mm	1010 x 640 x 870 mm				1370 x 760 x 870 mm			
Weight (kg)	160kg		200kg		270kg		300kg	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	5404505-1	5404505-2	5404510-1	5404510-2	5404515-1	5404515-2	5404520-1	5404520-2

Flask Capacity:

Flask Clamp	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
CS-1200(R)	48	30	20	12	9	6	6	4
CS-1400(R)	96	60	40	24	15	15	12	8

Accessories:

Model	Image	Name	Details
54010A01		Stainless steel clamp for 50ml Erlenmeyer flask	
54010A02		Stainless steel clamp for 125ml Erlenmeyer flask	
54010A03		Stainless steel clamp for 250ml Erlenmeyer flask	
54010A04		Stainless steel clamp for 500ml Erlenmeyer flask	
54010A05		Stainless steel clamp for 1000ml Erlenmeyer flask	
54010A06		Stainless steel clamp for 2000ml Erlenmeyer flask	

Model	Image	Name	Details
54010A07		Stainless steel clamp for 3000ml Erlenmeyer flask	
54010A08		Stainless steel clamp for 4000ml Erlenmeyer flask	
54010A09		Stainless steel clamp for 5000ml Erlenmeyer flask	
54012A01		Shaker Platform with clamps 280x230mm	
54012A04		Shaker Platform with clamps 380x280mm	
54012A05		Shaker Platform with clamps 380x280mm	
54013A01		Test Tube Rack 210mm x 90mm	
54013A02		Test Tube Rack 340mm x 90mm with holes ∅ 16mm	
54014A01		Non-Slip Mat	
54014A02		Non-Slip Mat for 96 well plate	



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