Dual Shaking Incubator LS-2570RD, 110V/60Hz



The Iris Incubator Shaker LS-2570RD 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 LS-2570RD incubator shaker 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
- The compressor will be delayed to start working if power cut and with timer for defrost. Using environmental protection cold-media R134a.
- Three-point bearing transmission is adopted suitable for heavy loads and continuous duty.
- Internal light provide clear chamber visibility
- Tempered Safety Glass Window for operation view
- Uses brushless AC motor for long durability and stable performance of the shaking system.
- Touch Screen panel
- With safety switch to stop shaking when opening door
- Each machine operates independently if required .
- Overheat and over low protector, built-in circulating fan for temperature stability.

Technical Specification:

Model	LS-2570RD
Display and Control	LED Digital Display / On-Touch Control
Vibration Style	Orbital
Platform Size (mm)	640x440 mm
Capacity (liters)	2 x 175 liters
Temperature Range (℃)	0℃ to 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	Touch Control; Digital Display with PID automatic regulation
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)	25mm
Shaking Width (mm)	25mm
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	640x440 mm
Inside Dimension (WxDxH) mm	700x500x500 mm in each unit
Timer	999 h / 999 min / 999 sec
Refrigeration System	1/4HP
Heater	900W each chamber
External Dimensions (WxDxH) mm	780x690x1720 mm
Net Weight (kg)	160 kg
Electrical Requirements	110V/60Hz
Catalogue No.	5403510-1
Platform	Single Platform

Technical Data:

Model	LS-2570D		LS-2570RD		LS-2575D		LS-2575RD	
Platform	Single				Double			
Temperature Range (?)	Ambient +5? to 70?		0? to 70?		Ambient +5? to 70?		0? to 70?	
Temperature Accuracy (?)	±0.1?							
Temperature Control	PID							
Temperature Display	LED 2-screen digital display actual and setting temperature							
Shaker speed	20 to250 r.p.m.				20 to150 r.p.m.			
Shaking Width (mm)	25mm							
Timer	999h / 999m / 999s							
Heater	900W each chamber							
Refrigerator	N/A		1/4hp		N/A		1/4hp	
Volume (liters)	175*2							
Shaking Plate Size (mm)	640x440mm							
Inside Dimensions (WxDxH) mm	700x500x500 mm							
Outside Dimensions (WxDxH) mm	780x690x1720 mm							
Shelf (adjustable)	1				N/A			
Weight (kg)	160kg		170kg		170kg		180kg	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	5403505-1	5403505-2	5403510-1	5403510-2	5403515-1	5403515-2	5403520-1	5403520-2

Flask Capacity:

Model Flask Clamps	125ml	250ml	500ml	1000ml	2000ml	3000ml	4000ml	5000ml
LM-2570RD(RD)	40	28	20	12	6	6	2	2
LM-2575D(RD)	40*4sets	28*4sets	20*4sets	---	---	---	---	------

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	

Model	Image	Name	Details
54010A06		Stainless steel clamp for 2000ml Erlenmeyer flask	
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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