Incubator Shaker LS-1150DR, 220V/50Hz



The Iris Incubator Shaker LS-1150DR 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-1150D 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
- 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	LS-1150DR
Display and Control	LED Digital Display / On-Touch Control
Vibration Style	Orbital
Platform Size (mm)	480 x 380 mm
Capacity (liters)	150
Temperature Range (℃)	0℃ ~ 70°C
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	Digital
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	480 x 380 mm
Inside Dimension (WxDxH) mm	600 x 500 x 500 mm
Timer	999 h / 999 min / 999 sec
Refrigeration System	1/4 HP
Heater	900W
External Dimensions (WxDxH) mm	680 x 690 x 860 mm
Net Weight (kg)	100kg
Electrical Requirements	220V/50Hz
Catalogue No.	5403020-2
Platform	Double Platform

Technical Data:

Model	LS-1150		LS-1150R		LS-1150D		LS-1150DR	
Platfrom	Single				Double			
Temperature Range (?)	Ambient+5C~0?		0?~70?		Ambient+5C~70?		0?~70?	
Temperature Accuracy (?)	±0.1?							
Temperature Control	PID temperaturecontrol							
Temperature Display	LED digitaldisplay							
Shaking Speed	20~300 r.p.m				20~150 r.p.m			
Shaking Width (mm)	25mm							
Timer	999 h / 999 min / 999 sec							
Heater	900 W							
Volume (liters)	150 L				150 L			
Shelf	1(Adjustable)				N/A			
Refrigerator	N/A		1/4 HP		N/A		1/4 HP	
Shaking Plate (mm)	480 x 380 mm							
Inside Dimension (WxDxH) mm	600 x 500 x 500 mm							
Outside Dimension (WxDxH) mm	680 x 690 x 860 mm							
Weight (kg)	85kg		98kg		90kg		100kg	
Net Weight (kg)	85kg		98kg		90kg		100kg	
Gross Weight (kg)								
Shipping Weight (kg)								
Shipping Dimensions (WxDxH) mm								
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	54030051	54030052	54030101	54030102	54030151	54030152	54030201	54030202

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	



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States