



LABSUN SELECTION

Top-Hinge Incubator Shaker with cooling

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IS-RDD3

Top-Hinge Incubator Shaker with cooling (IS-RDD3 has built-in refrigeration module with auto-defrost) is designed to provide an optimal environment to shake flasks, tube racks, and microplates safely. These incubators are quiet easy to operate, and convenient to load.

Incubator Shakers are ideal for cell culture, solubility studies, extraction procedures, protein expression, and many other applications.



Features

- Easy to use LCD user interface
- Precise Proportional-Integral-Derivative temperature control resulting in $\pm 0.1^{\circ}\text{C}$ accuracy
- Highly efficient inverted compressor refrigeration system allows for temperatures as low as 15°C below room temperature or 4°C with low energy consumption
- Clear curved tempered glass window for viewing samples without disturbing chamber temperature
- Terminal feedback system ensures precise shaking speed
- Designed to reduce noise for quiet operation
- Max capacity is 8 x 1L flasks
- Timer 0~999 hours
- Audible and visual alarms activate when abnormal parameters are detected
- Program mode allows user to set up to 6 segments of varying temperature and speed

Technical Parameters

Model	IS-RDD3
Product Name	Top-Hinge Incubator Shaker with Cooling
Temp.Range	Ambient- 15°C ~ 60°C (Minimum: 4°C)
Temp.Accuracy	0.1°C
Temp. Uniformity	$\pm 0.5^{\circ}\text{C}$ (@ 37°C)
Speed Range	0 rpm,30 rpm-400 rpm
Speed Accuracy	± 1 rpm
Orbit Diameter	26mm
Programmable Segments	6 Segments
Timer	0- 999 hrs
Platform Size	450 x 400 mm
Number of Platforms	1

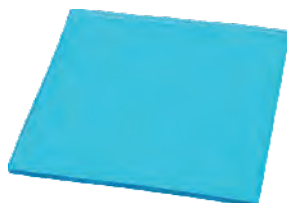
Technical Parameters

Maximum Capacity	Clamp Capacity: 42×50mL/25×100mL/24×150mL/20×200mL/ 20×250mL/12×500mL/8× 1000mL/4×2000mL Sticky Mat: 56×50mL/42× 100mL/30×150mL/30×200mL/24×250mL/ 20×300mL/14×500mL/9×1000mL/4×2000mL
Power	<700W
Power Supply	AC 220V±22V 50/60Hz
Working Chamber Height	310 mm
Outer Dimensions WxDxH	712 × 687 × 628 mm
Inner Dimensions WxDxH	500 × 460 × 350 mm
Net Weight	110 kg

Accessories



Flask Clamps



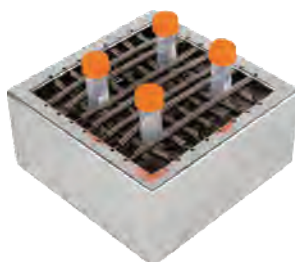
Sticky Pad



Tube Racks



Adjustable Tube Racks



Mini Universal Spring Platform



Mini Universal Spring Platform



Infusion Bottle Clamp



Separate Funnel Fixture



Bioreactor Tube Holder



96-Well Micro-Plate Holder



Multi Micro-Plate holder



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