

Axotron

Top-Hinge Incubator Shaker

IS-RDD3E/IS-RSD3E

Suitable for small scale
experiments



IS-RDD3E/IS-RSD3E TOP-HINGE INCUBATOR SHAKERS



Axotron versatile benchtop incubator shakers with optional refrigeration (IS-RDD3E has built-in refrigeration module with auto-defrost) are 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.



PRODUCT 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 (IS-RDD3E only)
- 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

IS-RDD3E/IS-RSD3E TOP-HINGE INCUBATOR SHAKERS

Specifications

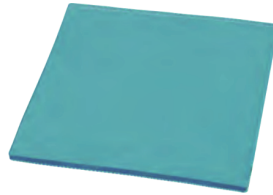
Model	IS-RDD3E	IS-RSD3E
Product Name	Top-Hinge Incubator Shaker with Cooling	Top-Hinge Incubator Shaker
Temp.Range	Ambient-15°C-60C(Minimum:4°C)	Ambient+5°C~60°C
Temp.Accuracy	0.1°C	
Temp.Uniformity	±0.5°C(@37°C)	
Speed Range	0 rpm,30 rpm-400 rpm	
Speed Accuracy	±1 rpm	
Orbit Diameter	Ø26mm	
Programmable Segments	6 Segments	
Timer	0-999hrs	
Platform Size	450×400mm(17.72×15.75in)	
Number of Platforms	1	
Maximum Capacity	Clamp Capacity:42×50mL/25×100mL/24×150mL/20x200mL/20x250mL/ 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	<550W
Power Supply	AC220V±22V,50/60Hz	
Working Chamber Height	310mm(12.2in)	
Outer Dimensions WxDxH	712×687×628mm(28.03×27.05×24.72in)	
Inner Dimensions WxDxH	500×460×350mm(19.67×18.11×13.78in)	
Net Weight	242 lb(110kg)	220 lb(100kg)
Certification	CE,UL,cUL	

IS-RDD3E/IS-RSD3E TOP-HINGE INCUBATOR SHAKERS

Accessories



Flask Clamps



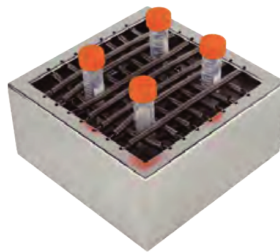
Sticky Pad



Tube Racks



Adjustable Tube Racks



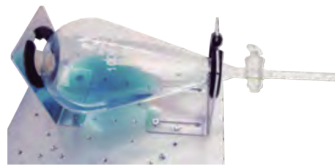
Mini Universal Spring Platform



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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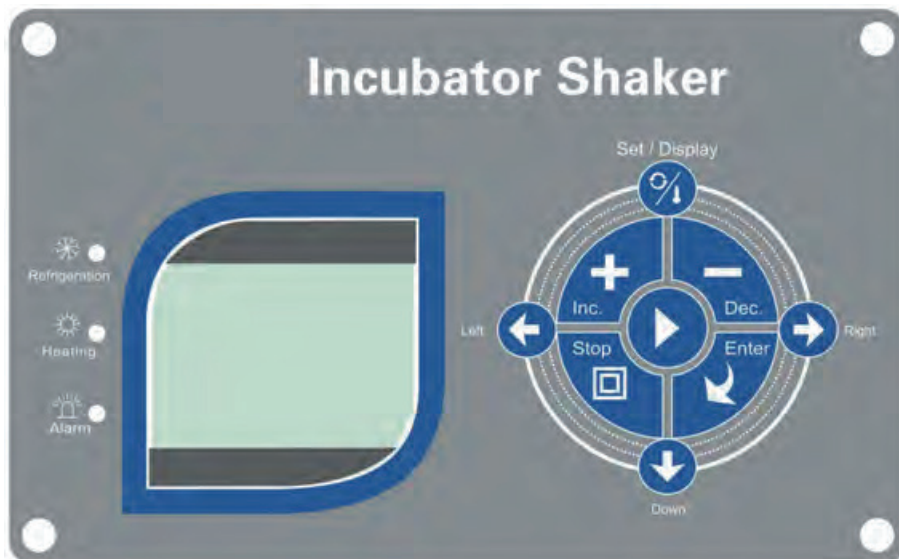
Accessories

Item Number	Item Type	Specifications	Max Capacity
IS-A50	Flask Clamp	25 mL	42
IS-A1		50 mL	42
IS-A2		100 mL	25
IS-A3		150 mL	24
IS-A4		200 mL	20
IS-A5		250 mL	20
IS-A6		500 mL	12
IS-A7		1000 mL	8
IS-A8		2000 mL	4
IS-A47	Sticky Mat	140 x 140mm (5.51 x 5.51 in)	9
IS-A122		280 x 280mm (11.02 x 11.02 in)	1
IS-A11	Tube Rack	Holds 40 Tubes x Ø14mm	4
IS-A12		Holds 40 Tubes x Ø16mm	4
IS-A23		Holds 40 Tubes x Ø18mm	4
IS-A24		Holds 27 Tubes x Ø22mm	4
IS-A20		Holds 40 Tubes x Ø14mm	4
IS-A21	Adjustable Angle Tube Rack	Holds 40 Tubes x Ø16mm	4
IS-A30		Holds 40 Tubes x Ø18mm	4
IS-A31		Holds 27 Tubes x Ø22mm	4
IS-A32		Holds 21 Tubes x Ø30mm	4
IS-A37		Holds 24 Tubes x Ø30mm	2
IS-A19		Spring Frame	LxWxH: 165 x 165 x 80mm
IS-A22	LxWxH: 450 x 400 x 80mm		1
IS-A27	LxWxH: 350 x 240 x 80mm		2
IS-A33	Infusion Bottle Clamp	Holds 500 mL infusion Bottle	9
IS-A34		Holds 1000 mL infusion Bottle	8
IS-A13	Microplate Holder	96-Well Microplate Holder	9
IS-A175	Multi-Microplate Holder	Holds up to 6 Standard Microplates	10
IS-A35	Fixture holds Separating Funnel	Holds Separating Funnels of ≥500mL	4
IS-A166	Bioreactor Tube Holder	Holds 450mL Bioreactor Conical Tubes	2

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User Interface

Axotron versatile Benchtop incubator shakers feature an easy to use keypad to Set and Change parameters, as well as Stop and Run the units. In addition, indicators let users know at a glance when the Refrigeration or Heating functions are operating. Alarm conditions are also clearly indicated on the keypad.



- Settings
- Move Cursor Right
- Move Cursor Left
- Move Cursor Down
- Plus Setting Value
- Minus Setting Value
- Confirm Setting
- Run
- Stop

IS-RDD3E/IS-RSD3 E TOP-HINGE INCUBATOR SHAKERS

Structure and Dimensions

