

# Refrigerated Shaking Incubator (+15°C to +60°C)

## **LABEC Refrigerated Shaking Incubators**

are ideal for shaking cultures and samples in a constant temperature where accurate temperature and a reciprocating or a rotating action is required.

Manufactured with high quality stainless steel interior and a powder coated steel finish for easy maintenance and excellent durability. The acrylic lid and interior lamp enables to observe the sample in the chamber without disturbing the temperature inside.

Adopting a feedback system which stops the shaking action when the lid is opened and restarts when closed.

The platform can hold 100ml / 250 ml or 500ml flasks (250ml flask clips are supplied as standard). Universal springs racks for test tubes and slide racks for petri dishes are also available.

A Digital PID temperature controller controls the temperature within the range +15°C to +60°C. The shaking functionality can be a reciprocating model or rotational type with a speed range of 35-300 rpms with digital setting and display.



### **Standard features include:**

- RCD/ ELB (earth leakage breaker).
- Pt 100 ohms sensor.
- Stainless Steel interior.
- Excellent temperature uniformity.
- Clear Acrylic Lid.
- Quiet operation.

Serving the Scientific, Medical and Research industries since 1945

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## SPECIFICATIONS

# Refrigerated Shaking Incubator (+15°C to +60°C)

Model	J-NSIL-R-ROTATE	J-NSIL-R-RECIPRO
Shaking Motion Type	Rotation action	Reciprocating
Chamber Dimension. (mm) W x D x H	540 x 540 x 350	
Ext. Dim. (mm) W x D x H	600 x 890 x 800	
Platform size (mm)	450 x 450	
Temp. Min	+15°C (in up to 35°C temps)	
Temp. Max	60°C	
Temperature Accuracy	+/- 0.1°C at 37°C	
Temperature Uniformity	+/- 0.5°C at 37°C	
Temperature Regulator	SSR Type	
Temperature Controller	P.I.D. Controller	
Shaking Speed	30-300 rpms	
Capacity (L)	250ml flask x 25 each, 500ml x 16	
Thermocouple	Pt100ohms	
Heater (Ni-cr) (W)	800	
Refrigeration Compressor	1/3 Hp	
Safety Device	Self diagnosis function (memory error, temp, overheating, SSR short circuit, sensor short circuit, ELB, overheating protection)	
Material	Stainless steel interior and powder coated finish	
Weight (kg)	63	

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