

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 petrie 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.

OTHER 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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