

## INCUBATORS & SHAKERS



### Incubator - Shakers, Rivotek

Temp. Range (Ambient +5) to 60 °C

Digital display with microprocessor based PID Controller with PT 100 sensor having resolution  $\pm 1.0$  °C and accuracy  $\pm 1$ °C. Fitted with re-circulation fan to maintain temperature uniformity.

The body material is MS powder coated; inner material is SS 304 ; Tray material is SS.

Drive mechanism is powered by Permanent Magnet Geared DC motor.

Continuous operation limit, maximum upto 10-12 hours

### Incubator with Microplate Shaker Mechanism, Rivotek

Cat No.	Tray size in mm	Chamber Size in mm	Stroke Length	Stroke Speed per min.
50092 001	180 x 150 2 plates of 96 wells can be placed.	270 x 255 x 100	1 mm dia. orbit	100 to 1500



### Incubator with Orbital Shaker Mechanism, Rivotek

**Exterior Material** : MS Powder coated.

**Interior Material** : SS 304

**Temperature Range** : Ambient+5 to 60 °C

**Temperature Controller** : Digital display with microprocessor based PID Controller with PT 100 sensor.

**Accuracy** :  $\pm 0.5$  °C.

**Samples viewing** : Transparent glass window cut out on front door of 1 Sq Ft

**In-built lighting** : Built-in LED lighting attachment provided with external switch on front panel.

**RPM Shaking speed** : 20 to 200 RPM without load.

**Uniformity Control** : The recirculation fan fitted inside achieves uniformity of Temperature.

**Mains Power** : Works on 230 V AC single phase 50Hz.

Cat No.	Tray size in mm	Chamber Size L x D x H in mm	Speed Indication	Stroke Length	Stroke Speed per min. (without load)
50082 001	325 x 325	400 x 425 x 450	No	25 mm dia.	20 to 200
50082 002	325 x 325	400 x 425 x 450	Yes	25 mm dia.	20 to 200
50082 003	425 x 425	500 x 525 x 500	No.	25 mm dia.	20 to 200
50082 004	425 x 425	500 x 525 x 500	Yes	25 mm dia.	20 to 200

*Note* : SS Lotus clamps for holding the flasks in the above shakers to be ordered separately (listed below)



### Orbital Shaker, Rivotek

Body Material is MS painted with Epoxy Powder.

Tray Material is SS.

Shaking speed: 20-200 Orbital strokes per min. (without load)

Permanent Magnet Geared DC motor with 25 mm dia. motion is used

Continuous operation limit, maximum upto 10-12 hours

Cat No.	Tray size in mm	Digital Speed Indication
50081 001	325 x 325	No
50081 002	425 x 425	No
50081 003	325 x 325	Yes
50081 004	425 x 425	Yes

*Note*: SS Lotus clamps for holding the flasks in the above shakers to be ordered separately (listed below)