



**Incubator Shaker (RT-PLUS) - STD Model, Rivotek**

**Specifications:**

- Outer Construction** : MS powder coated.
- Inner Construction** : SS 304
- Samples viewing** : Transparent Glass window.
- Inbuilt Lighting** : Built in lighting attachment with low wattage provided with External Switch on the front panel.
- Shaking Platform Size** : For conical flask SS Platform size with 425 x 425 mm.
- Shaking speed** : 20-200 Orbital strokes per min. (without load)
- Additional SS Tray** : For Petri dishes and small beakers.
- Temperature range** : (5 °C above ambient) to 70 °C, Accuracy: ± 0.5 °C.
- Uniformity control** : Fitted with recirculation fan in the chamber for uniformity of temperature.
- Platform capacity** : As per the table chart given below for tray size suitable clamps capacity.
- Display Control** : Microprocessor based PID control of Accuracy ± 0.5 °C by using PT 100 Sensor.
- Speed Indicator** : Digital Speed Indicator on the front panel.
- Mains Power** : Works on 230 V AC single phase 50Hz.



**Special Features**

- Motor** : Brushless 3 phase Induction Motor, specially design for 24 hrs cycle.
- VFD Drive** : VFD (Variable Frequency Drive) of 230 V, I Phase Input – III Phase Output.
- Amplitude** : 25 mm dia Orbital motion

Cat No.	Tray Size in mm	Inner Chamber Size in mm L x D x H	Outer Chamber Size in mm L x D x H	Heater Watts	Digital Speed Indication
50083 003	425 x 425	500 x 510 x 500	550 x 520 x 520	650	Yes

Spring Loaded SS Clamps (removable) for Incubator Shaker: **OPTIONAL**  
(To be ordered separately as per the user's requirement)

Cat No.	Flask Capacity ml	No. of SS lotus clamps required for tray size	
		425 x 425 mm	
50081 501	50	25	
50081 502	100	25	
50081 503	250	16	
50081 504	500	16	
50081 505	1000	4	

**Bench Top Incubator, 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** : ± 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.
- LCD Volt Meter** : For monitoring input AC voltage.
- Uniformity Control** : The recirculation fan fitted inside achieves uniformity of Temperature.
- Mains Power** : Works on 230 V AC single phase 50Hz.



Cat No.	Working Chamber size in mm	Heater Watt
50151 001	300 x 260 x 300	350