

**SCIGENICS BIOTECH PVT. LTD. (SCIBIO)** was set up in 1997, as a pioneering venture to address the instrumentation needs of Life Sciences and Biotechnology scientists in India. Over the years and several thousand shakers and other lab products later, brand **ORBITEK®** is highly trusted and occupies the pride of place in numerous leading labs across the country, thanks to the company's unequivocal emphasis on quality all through. ISO 9001-2015 certified, SCIBIO's products are CE certified to comply with international safety norms. Today SCIBIO has presence in Japan, USA, Germany, Italy, Thailand, Vietnam, Malaysia, Tunisia and Guam.

## **ORBITEK® Open Air Rotary Shakers**

**ORBITEK®** open air Rotary shakers are typically designed to suit, researcher application demands in large scale cultivation of microbial, tissue cultures and cell cultures. The constant agitation with large orbital diameter provides the optimum oxygen transfer to the cultures, resulting in better homogeneous yield.



**ORBITEK® L** Part No. L-S



**ORBITEK® P** Part No. P-S

## **SALIENT FEATURES**

- ✓ Ergonomically designed with optimal footprint
- ✓ Penta- eccentric counter balanced drive mechanism for uniform agitation with 40mm/50mm orbital dia.
- ✓ Maintenance free permanently lubricated ball bearings for noiseless operation.
- ✓ FRP and coated steel exterior with anti- vibration mount for smooth running.
- ✓ Precise shaking speed control with gentle start/stop cycle, preventing spillage and shear to cultures.
- ✓ High Torque AC drive with intuitive control and digital LED display of speed.
- ✓ Auto Restart to set speed after power outage.
- ✓ Universal Platform to accommodate Erlenmeyer, Round Bottom, Volumetric Flask, Test tube Holders, and micro plate holders, Special accessories.
- ✓ Robust construction with base assembly fabricated from heavy mild steel sections.

### **Safety Feature**

- ▲ Residual Current Circuit Breaker
- ▲ Emergency Stop

### **Optional Features**

- ▲ Time Function for Speed

## MODEL ORBITEK<sup>®</sup> L-S | P-S

PART NO.	L- S	P- S
Speed Range	20-300 RPM	20-300 RPM
Orbital Diameter	40/50 mm	40/50 mm
Speed Drive	BRUSHLESS AC(Induction)	BRUSHLESS AC(Induction)
Speed Accuracy	± 1RPM	± 1RPM
Power watts	375W	375W
Electrical Requirement	230V, 50Hz, 1Ø 6A	230V, 50Hz, 1Ø 6A
Display	Digital LED Display(Pre-settable)	Digital LED Display(Pre-settable)
Cabinet	FRP/Coated Steel	FRP/Coated Steel
Control	Frequency Control	Frequency Control
Basic Weight	110Kg	280Kg
Tray Size	600x 600mm	900 x 900mm
Dimension (W x D xH)	970 x 820 x 540 mm	1000 x 1142 x 580 mm
<b>Flask holding Capacity for Universal Tray (Erlenmeyer)</b>		
50/100 ml	64	100
250m ml	64	100
500 ml	25	49
1000 ml	16	36
2000 ml	9	15

*Specifications/Model Nos. are subjected to change without notice*

