

# Incubators

Scigenics Biotech  
*innovation inspired*

An ISO 9001:2000 Certified Company

## ORBITEK® Range of Bio-Equipment



## Applications

- Determine levels of organic matter in waste water samples.
- Plant & insect studies and fermentation studies.
- Cultivation of high/low temperature microbes & cells
- Preservation of vaccines.
- Product shelf-life tests.

## Features

- Manufactured with cold rolled mild steel exterior and high quality SS 304 grade interior
- High grade PUF insulation ensures stable maintenance of temperature irrespective of atmospheric condition
- **ORBITEK®** Incubator / BOD Incubators features micro processor based PID temperature controller
- Excellent temperature uniformity inside the chamber through forced air-convection
- Distributed Air Handling System (DAHS) incorporated for better temperature uniformity
- Large view glass door for easy visibility of inner chamber
- Electro polished perforated SS shelves for better air circulation



## Specifications

	ORBITEK® - BOD 100 L	ORBITEK® - BOD 165	ORBITEK® - BOD 350
Capacity	100 Lts.	165 Lts.	350 Lts.
Interior Dimensions	50cm X 50cm X 40cm	50cm X 44cm X 80cm	67cm X 61cm X 90cm
Exterior Dimensions	60cm X 75cm X 80cm	72cm X 72cm X 165cm	77cm X 90cm X 160cm
Temp. Range	5°C - 60°C	5°C - 60°C	5°C - 60°C
Temp. Accuracy	±0.5°C in 5°C - 24°C / ±0.3°C in 25°C - 36°C / ±0.1°C in 37°C - 60°C		
Temp. Controller	Micro Processor Based PID Controller		
Shelves	2	3	3
Lamp / UV Lamp	Optional	Optional	Optional
R232 interface	Optional	Optional	Optional
Power	1 $\phi$ , 230 V, 50 Hz.	1 $\phi$ , 230 V, 50 Hz.	1 $\phi$ , 230 V, 50 Hz.

Note: Incubator versions INC 100 L, INC 165 L, INC 350 L are also available with the temperature range of Amb + 5° C to 60° C.



## Scigenics Biotech Private Limited.

Regd. Office:  
35 (18), Vasudevapuram, Triplicane  
Chennai 600 005. India  
Tel : +91 44 2451 4747  
Telefax: +91 44 2451 2261  
E-mail: sales@scigenicsbiotech.com

Address for Correspondence:  
#4/468, III Main Road, Swaminathan Nagar  
Kottivakkam, Chennai 600 041. India  
Tel: +91 44 2448 3411 / 2448 3952  
Telefax: +91 44 2448 4211  
E-mail: order@scigenicsbiotech.com

[www.scigenicsbiotech.com](http://www.scigenicsbiotech.com)