

ORBITAL INCUBATOR SHAKER

Our company manufactures and supplies Orbital Shakers Incubators catering to customers' varied requirements. These Orbital Shakers are made of world class raw material and tested under the guidance of specialists.



SALIENT FEATURES

- Inner chamber made of stainless steel SS-304 and outer chamber made of mild steel duly powder coated (Optional : Inner SS 316 & outer SS 304)
- High grade mineral wool insulation to ensure temperature stability & reduced energy consumption
- Easy-to-read digital display
- Wide range of platforms options for culture flasks, flasks etc. (Sold separately)
- Air heaters made of high grade Kanthal A-1 wires
- Air circulating fan for temperature uniformity inside the chamber
- Shaking with the help of DC Drive & Brush less motor having Eccentric pulley mechanism.
- 30-220RPM shaking speed range
- 25 mm orbital action
- SS / Fiber clamps having spring tension for holding flask
- 0-999 minutes timer or continuous running operation
- Independent digital displays for shaking speed (RPM) and timer
- Audio visual alarm when the temperature and RPM deviates from the set Value
- Fluorescent lamp illumination
- Door having a glass / acrylic peeking window which allows inspection of samples without disturbing the temperature of cabinet.

SPECIFICATION

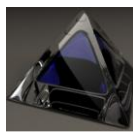
Description	SAII-OIS-9	SAII-OIS-16	SAII-OIS-25	SAII-OIS-36
Maximum load	4	9	16	20
Shaking plate dimension	12" x 12"	18" x 18"	24" x 24"	30" x 30"
Speed range	30 – 220 RPM			
Temp range and accuracy	Ambient +5°C to 80°C ± 1°C			
Timer	0 - 999 minutes or continuous			
Max humidity	80%			
Shaking amplitude	25 mm			
Flask capacity (user can choose any 1 flask capacity)	250ml x 9 flasks / 500ml x 4 flasks / 1000ml x 4 flasks	250ml x 16 flasks / 500ml x 9 flasks / 1000ml x 9 flasks	250ml x 25 flasks / 500ml x 25 flasks / 1000ml x 16 flasks	250ml x 49 flasks / 500ml x 36 flasks / 1000ml x 25 flasks
Overall dimension	60 x 60 x 75	75 x 75 x 75	80 x 80 x 100	90 x 90 x 100
Weight	60	70	80	90

Spire Automation & Innovation, India.

Inspiring Generations...

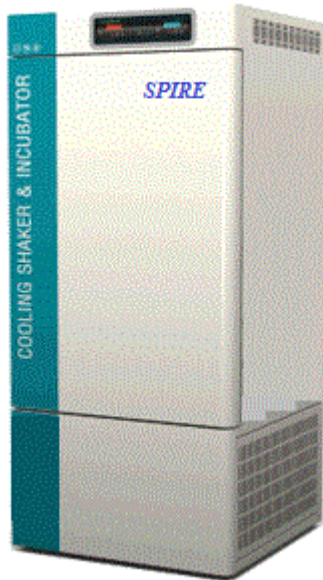
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REFRIGERATED ORBITAL INCUBATOR SHAKER

Our company manufactures and supplies Orbital Shakers Incubators catering to customers' varied requirements. These Orbital Shakers are made of world class raw material and tested under the guidance of specialists.



SALIENT FEATURES

- Inner chamber made of stainless steel SS-304 and outer chamber made of mild steel duly powder coated (Optional : Inner SS 316 & outer SS 304)
- PUF thick insulation to ensure temperature stability & reduced energy consumption
- Easy-to-read digital display
- Wide range of platforms options for culture flasks, flasks etc. (Sold separately)
- Air heaters made of high grade Kanthal A-1 wires
- The cooling is done by a hermetically sealed CFC FREE eco friendly compressor.
- Air circulating fan for temperature uniformity inside the chamber
- Shaking with the help of DC Drive & Brush less motor having Eccentric pulley mechanism.
- 30-220RPM shaking speed range
- 25 mm orbital action
- SS / Fiber clamps having spring tension for holding flask
- 0-999 minutes timer or continuous running operation
- Independent digital displays for shaking speed (RPM) and timer
- Audio visual alarm when the temperature and RPM deviates from the set Value
- Fluorescent lamp illumination
- Door having a glass / acrylic peeking window which allows inspection of samples without disturbing the temperature of cabinet.

SPECIFICATION

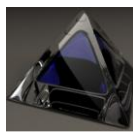
Description	SAIL-OIS-9C	SAIL-OIS-16C	SAIL-OIS-25C	SAIL-OIS-36C
Maximum load	4	9	16	20
Shaking plate dimension	12" x 12"	18" x 18"	24" x 24"	30" x 30"
Speed range	30 – 220 RPM			
Temp range and accuracy	+5°C to 80°C ± 1°C			
Timer	0 - 999 minutes or continuous			
Max humidity	80%			
Shaking amplitude	25 mm			
Flask capacity (user can choose any 1 flask capacity)	250ml x 9 flasks / 500ml x 4 flasks / 1000ml x 4 flasks	250ml x 16 flasks / 500ml x 9 flasks / 1000ml x 9 flasks	250ml x 25 flasks / 500ml x 20 flasks / 1000ml x 16 flasks	250ml x 49 flasks / 500ml x 36 flasks / 1000ml x 25 flasks
Overall dimension	60 x 60 x 90	75 x 75 x 100	80 x 80 x 110	90 x 90 x 120
Weight	90	110	125	140

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Note:

- Combination of different capacity flask holder is also available on 1 platform.
For e.g. for model SAII-OIS-25 & SAII-OIS-25C we supply following capacity flask holder on 1 shaking platform – 250 ml x 8 flasks, 500 ml x 6 flasks, 1000 ml x 5 flasks
If user requires platform with such combination please inform at the time of making inquiry.

Optional:

- Circular chart temperature recorder
- Software to interface incubator shaker directly to computer for storing data & print
- PLC controlled equipment with touch screen colour display HMI (fully programmable system)
- MOC Outer body – SS
- MOC inner body – SS 316
- Inbuilt voltage stabilizer for high voltage protection
- High orbital shaking speed up to 400 RPM