

Encouraged By Your Overwhelming Endorsement  
**FOR OUR *rapid* RANGE OF EVAPORATORS...**



**...We Have Expanded Our Footprints**

# PRESENTING

## Microbiology & Laboratory Focused Instruments



# Fortune<sup>TM</sup>

Trusted Quality, Trusted Expertise

## Fortune<sup>TM</sup> Range

### Microbiology

#### Focused Instruments

- Autoclave
- BOD Incubator
- Incubator
- Laminar Airflow
- Oil Bath
- Biosafety Cabinet

### Laboratory

#### Focused Instruments

- Deep Freezer
- Dehumidifier
- Environmental Test Chamber
- Hot Air Oven
- Hot Plate
- Melting cum Boiling Point Apparatus
- Muffle Furnace
- Orbital Shaking Incubators
- Tray Drier
- Ultra-Cryostat
- Water Bath
- Water Bath Incubator Shaker
- Plant Growth Chamber

## Trusted Product Quality



Fortune Range is manufactured by a team of professionals with proven experience & expertise in manufacturing microbiology & lab focused instruments since over two decades.

## Trusted Service Quality



Fortune Range backed by highly experienced and trained Tech Support Team based at all key locations in India i.e Mumbai, Delhi, Chennai, Bangalore, Hyderabad & Ahmedabad, Providing quick & reliable service.

## Trusted Range



Fortune Range provides a **One stop shop** for your all your needs for microbiology & laboratory focused instruments.

## Trusted Expertise



Fortune range is backed by high quality experts who can provide consultation related to Microbiology, Lab set-up, Instruments.

# Plant Growth Chamber

**Application :** Labs working in Plant Science

## Technical Specification / Description :

- Plant Growth Chambers are designed as per ICH Guidelines for precise monitoring of temperature and humidity conditions required for long term, intermediate & accelerated stability studies at chemical, pharmaceutical, agrochemical manufacturing & R&D facilities.
- These chambers are manufactured to comply with GMP requirements



## SALIENT FEATURES

- Fulfills storage conditions of 25°C “ 60% RH, 40°C “ 75% RH, 30°C “ 65% RH, 25°C “ 40% RH
- Precise monitoring of temperature and humidity conditions provided with tube lights on both sides with cyclic timer
- Powerful fan motor for forced air circulation to maintain uniform conditions inside chamber within permissible limit Heating by long life SS tubular heaters
- Hermetically sealed Compressor with CFC free refrigerant
- Chamber calibration port on side      ■ Adjustable trays
- Microprocessor controller with LCD display & capacitance type sensor
- 7 " attractive LCD display for direct display of humidity & temperature
- Auto tuning of controller
- Settable High / Low alarm points
- High temperature safety cut off & alarms for high/low set parameters
- Low water level alarm and power cutoff of boiler tank heater
- Time delay for compressor switch on
- Overload cut off relay for compressor

## SOFTWARE

- Support Multiple Chambers on Single Installation
- Auto Start-up on PC Power-Up
- Mean Kinetic Temperature (MKT) Computation
- Automatic Periodic Downloading of records stored in controller
- Access Control According to Authority level
- User Actions with Signing & Authorization
- Automatic Password Expiry
- Manual & Auto Back-Up Facility with archiving
- Data log Reports with Configuring Title, Footer & Header
- Audit Trail History of Critical Events & User Actions

**OUTER MADE OF GALVANIZED STEEL POWDER COAT PAINTED AND INSIDE MADE OF SS 316 QUALITY:**

	6 ft <sup>3</sup>	8 ft <sup>3</sup>	10 ft <sup>3</sup>	12 ft <sup>3</sup>
<b>SIZES:</b> (mm)	H 820 X W 500 X D 430	H 870 X W 500 X D 5230	H 970 x W 580 x D 500	H 1020 x W 620 x D 530
<b>CAPACITY:</b>	170 Ltr	226 Ltr	250 Ltr	325 Ltr

**OUTER ALSO MADE OF SS 304 QUALITY**

	6 ft <sup>3</sup>	8 ft <sup>3</sup>	10 ft <sup>3</sup>	12 ft <sup>3</sup>
<b>SIZES:</b> (mm)	H 820 X W 500 X D 430	H 870 X W 500 X D 5230	H 970 x W 580 x D 500	H 1020 x W 620 x D 530
<b>CAPACITY:</b>	170 Ltr	226 Ltr	250 Ltr	325 Ltr

## Technical Specifications

<b>NO OF TRAYS</b>	Depends on size
<b>TEMPERATURE RANGE &amp; ACCURACY</b>	10°C to 60°C & ± 2°C
<b>HUMIDITY RANGE &amp; ACCURACY</b>	40% to 95%
<b>TEMP &amp; HUMIDITY CONTROL</b>	Micro PLC Controller
<b>SENSOR</b>	Humidity Sensor
<b>DISPLAY</b>	7" TFT
<b>TEMP &amp; HUMIDITY VARIATION ALARM</b>	User Defined
<b>COMPRESSOR</b>	Depends on size.
<b>HEATERS</b>	Air Heaters with Fins
<b>BOILER HEATERS</b>	Refractory Type, Immersion heater
<b>ILLUMINATION</b>	8W Led Bulb
<b>SAFETY CUT – OFF</b>	Imported Capillary Thermostat
<b>INTERNAL BODY MATERIAL</b>	SS 316
<b>OUTER BODY MATERIAL</b>	SS 304
<b>INSULATION</b>	Glass wool
<b>SUPPLY</b>	220 V 50 Hz AC

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