

# iVent ICU-3310

ICU Ventilator



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

iVent ICU 3310 Ventilator offers advanced, compact yet ICU Ventilator solution. carefully crafted with the combination of cutting edge research and advanced manufacturing technologies, iVent ICU 3310 is one of the most advanced ventilators available.

iVent ICU 3310 is a modular and power efficient invasive ventilator. The IOT enabled design allows multiple ventilators to be controlled remotely making iVent ICU 3310 a much safer and easy to manage option for the doctors in the current case of COVID-19 pandemic.



## ►► Technical Specification

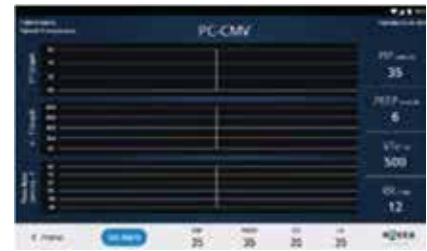
### Modes of Ventilation

- Invasive and Non-invasive: PC-CMV, PC-AC, PC-SIMV, VC-CMV, VC-AC, VC-SIMV, PRVC-CMV, PRVC-AC, PRVC-SIMV, PSC PAP (PSV), BPAP, ARPV
- Biphase Ventilation
- Standby Mode
- Auto Weaning Mode
- Apnea Backup Ventilation



### Graphic Mode with Display

- Flow vs Time
- Pressure vs Time
- Vol vs time
- Flow/Volume Loop
- Pressure/Volume Loop
- Pressure/Flow Loop



### Alarms for Device and Patient Safety

- Power Disconnected
- Patient Disconnected
- High Inspiratory Pressure
- High PEEP
- High Respiratory Rate
- Power Sensor Failure
- Read/Write Error
- Ventilator Temperature Error
- System Failure (Safe Mode)
- Low Tidal Volume
- Alarm History of  $\geq 100$  ALarms

### Physical Safety Provisions

- Excess Pressure Release Valve
- HME Filter
- HEPA filter at the Air intake and Exhaust
- Battery Backup upto 4 hrs
- Active Inspiratory & Expiratory Valves

### Unique Features

- UVC Decontamination Chamber
- Inbuilt Programmable Nebulizer
- Electronically Controlled Oxygen Input Valve
- Nominal Power Consumption

### Diagnostic Controls

- 10 inch Android tablet for control.
- The ventilator is controlled through a mobile application based on the Android Operating System.
- The IOT enabled mobile application allows the users, doctors and healthcare professionals to set and monitor all the information of the ventilator remotely.
- The user friendly UI ensures that it can be operated by anyone familiar with medical system.

## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



**Analytical**  
**Foundation**

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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