

# iVent ICU-3000C

## ICU Ventilator



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

## ►► Features

- Invasive & Non-Invasive ventilator in one device
- Leak Detection with compensation
- Active Inspiratory & Expiratory valves
- 8 inch android tablet control center
- Compatible with standard viral HME filters
- 100% FiO<sub>2</sub> independent of PEEP and MVi
- Disposables cost less than Rs 500
- Proximal flow and pressure sensor
- Inspiratory & Expiratory hold
- Inverse ratio ventilator
- AI Vent for quick ventilation
- PEEP can be set upto 30 cmH<sub>2</sub>O

## ►► Specification

Parameter	Range
Pressure Range	Upto 60 cmH <sub>2</sub> O
Volume Range	50 - 2000 ml
PEEP Range	0 - 30 cmH <sub>2</sub> O
Modes	PC-CMV PC-SIMV PC-PSV VC-SIMV VC-CMV ACV PRVC AI-VENT CPAP BPAP
Rate Range	10 - 60 BPM
Standby Mode	YES
AI-Vent	YES
FiO <sub>2</sub>	21 - 100%
Max Flow Rate	280 L/min
Waveforms	Pressure Volume Flow
Apnea Backup	YES
Flow Trigger	1 - 20 L/min
Power Input	220 Volt 5 amp
Nominal Consumption	15 watts
Battery Backup	Upto 4 Hours
Weight	3.4 kg
Construction Type	ABS Plastic
Flow Sensing	0 - 120 L/min
Maximum Leak Volume Compensation	50% in Invasive Modes & 95% in NIV modes
Maximum Leak Flow Compensation	10 L/min

## HPLC Servicing, Validation, Trainings and Preventive Maintenance :

**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

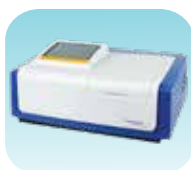
**Instruments** :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



## About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

## Our Products & Technologies



UV/VIS  
Spectro 2080+  
Double Beam



Infra FTIR



Optima Gas  
Chromatograph  
3007



Optima Gas  
Chromatograph  
2979 Plus



Flash  
Chromatograph



Atomic Absorption  
Spectrophotometer



Liquid Particle  
Counter



Optical Emission  
Spectrophotometer



DSC/TGA



Semi Auto Bio  
Chemistry Analyzer



HEMA 2062  
Hematology  
Analyzer



Micro Plate  
Reader/Washer



URINOVA 2800  
Urine Analyzer



Total Organic  
Carbon 3800



Fully Automated  
CLIA



NOVA-2100  
Chemistry Analyzer



PCR/Gradient PCR/  
RTPCR



TOC  
Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
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.

## Reach us @

