

# iVent ICU-3005

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## iVent ICU Ventilator



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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## ►► Electiral Interface

- Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy
- Display: High visibility, wide angle LED alphanumeric data display, equipped with tactile analog parameter controls
- Equipped with high precession infrared turbine pressure and flow sensors
- Power Failure Support Functions: Automatically converts to standby mode during AC power outages
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Alarms: Audible and/or visual alarms for tidal volume, airway pressure, power failure oxygen failure and other alarms.
- 9 Level adjustable humidifier

## ►► Specifications

<b>Model</b>	<b>iVent ICU-3005</b>
<b>Display</b>	LED
<b>Ventilation Mode</b>	A/C, IPPV, SIPPV, IMV, SIMV, MANUAL
<b>Minute Volume</b>	Greater than or equal to 18L
<b>Back-up Power Supply</b>	At least 4 hours
<b>Tidal Volume</b>	Adjustable range: 50-1500ml, Display range: 0-2000ml
<b>Output Oxygen</b>	<50%
<b>Respiratory Rate</b>	6-60bpm
<b>Pressure Limit</b>	1-6kPa
<b>Inspiratory / Expiratory (I:E) Ratio</b>	1:1.5 - 1:3.0
<b>PEEP</b>	1-10cmH <sub>2</sub> O
<b>SIMV Rate</b>	1-12bpm
<b>Inspiratory Pressure Trigger</b>	- 4-10cmH <sub>2</sub> O
<b>Maximum Safe Operating Pressure</b>	≤60 kPa
<b>SIGH</b>	1 sigh breath in every 80-120 breaths
<b>Airway Pressure Alarm</b>	Upper Limit: 0.9~5.4kPa, Lower Limit:
<b>Gas Supply Requirement</b>	280~600 kPa medical grade oxygen

## 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.

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Double Beam



Infra FTIR



Optima Gas  
Chromatograph  
3007



Optima Gas  
Chromatograph  
2979 Plus



Flash  
Chromatograph



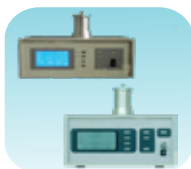
Atomic Absorption  
Spectrophotometer



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



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RTPCR



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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 @



 **Analytical**®  
Technologies Limited

HPLC Solutions   MultipleLabs   Analytical Bio-Med   Analytical Distributors   Analytical Foundation (Trust)

**Corporate & Regd. Office:**  
Analytical House, # E67 & E68,  
Ravi Park, Vasna Road, Baroda,  
Gujarat 390 015. INDIA

T: +91 265 2253620  
+91 265 2252839  
+91 265 2252370  
F: +91 265 2254395

E: [info@hplctechnologies.com](mailto:info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)  
[info@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@analyticalbiomed.com](mailto:info@analyticalbiomed.com)

W. [www.analyticalgroup.net](http://www.analyticalgroup.net)  
[www.hplctechnologies.com](http://www.hplctechnologies.com)  
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