

iVent ICU-3310N

iVent ICU Ventilator



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Electiral Interface

Nurse call, USB, NET, RS232, VGA

►► Interface Type

Main patient outlet: ISO 22M/15F

Oxygen inlet: DISS or NIST male

►► Display

Display size: 15.6 in diagonal

Display type: Active matrix color TFT LCD

Display resolution: SVGA resolution, 1366 x 768

►► Controls

Fully electronic control

Ventilation type: Blower

Ventilation modes:

A/C-VCV, A/C-PCV, A/C-PRVC, SIMV-VC, SIMV-PC, SIMV-PRVC, BIPAP, APRV, CPAP/PSV, CPAP-VG, NIV, IV.

Special functions:

manual breath, O₂ therapy, standby, screen-lock, inspiratory hold, expiratory hold, sigh, ATC, PCVR, PPS, Compliance, p0.1, calibrate, nebulizer, O₂ suction.

Patient types: Adult/Pediatric/Neonate(Optional)

Patient height: Adjustable

Monitoring

Real-time waveforms:

►► Paw, Flow, Volume, EtCO₂, SPO₂

Optional: CO₂, SPO₂ (related parameters)

Loops: P-V, V-Flow, Flow- P

Trends: 1s, 5s, 1min, 10min, 30min, 60min

Tidal volume: 5-2000ML (2-2000ML is Optional)

PEEP/CPAP: 0 to 50 cmH₂O

Oxygen: 21 to 100%

I:E ratio: 1:10 to 4:1

Inspiratory time (TI): 0.2 to 5 s

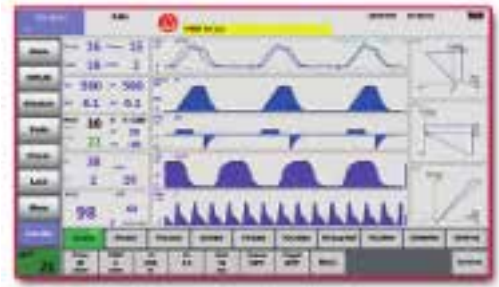
Flow trigger: 0.2 to 15 l/min

Pressure trigger: -0.5 to -20cmH₂O

Pressure control: 5 to 90 cmH₂O, added to PEEP/CPAP

Pressure support: 0 to 90 cmH₂O, added to PEEP/CPAP

Pressure ramp: 0 to 2s



Expiratory trigger sensitivity (ETS):
OFF, 5 to 90 % of inspiratory peak flow
Peak flow Spontaneous: > 210 L/min

►► **Electrical and gas supplies**

Input voltage:
110 to 240V ~ ±10 %, 50 / 60 Hz AC or 24 VDC±10 %
Power consumption: 50 W typical
Protection class: Class I
Backup battery:
2 batteries(5200mAh each)/ hot swappable
Oxygen supply:
280 to 600 kPa (41 to 87 psi), 120 L / min
Low pressure:
oxygen ≤15 L / min, max. 600 hPa for low pressure

►► **Alarms**

Operator-adjustable:
Low/high minute volume, low/high pressure, low/high tidal volume, low/high rate, apnea time, low/high oxygen
Optional: low/high CO₂, low/high SPO₂

Special alarms:
Oxygen concentration, disconnection, loss of PEEP, exhalation obstruction, flow sensor, power supply batteries, gas supply
Loudness Adjustable: 1 to 9
Event log: Storage and display of up to 1000 events with date and time stamp

►► **Physical dimensions**

Weight: < 45.3 kg
Dimensions(WxHxD): Approx. 600x402x415mm

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.

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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.



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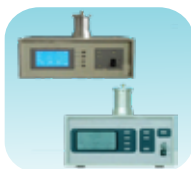
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Liquid Particle
Counter



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



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Chemistry Analyzer



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TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



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



Analytical Foundation

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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 @



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