

ICU Vent3680A

ICU Ventilator



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

The machine can be used for clinical anesthesia and postoperative respiratory management in hospitals at all levels, clinical first aid and respiratory treatment, and intensive care unit (ICU) and other applications.

►► **Feature**

- Intensive care ventilator for Adult to Pediatric patients
- Both invasive and noninvasive respirator feature
- Hi-flow specially for Anti COVID-2019
- Microcomputer controlled, pneumatically driven and electronically controlled.
- Pressure, volume controlled treatment oxygen therapy machine.
- Simultaneously display for three waveforms and two loops
- Both Vti and Vte monitoring
- 100% oxygen fast system, make sure to provide pure oxygen at any time.
- 9inch TFT color screen display with Touch screen
- Multi safety mechanism for patient safety and three level colour coded audio-Visual alarms

►► **Breathing Mode**

- VCV
- V-SIMV
- H-Flow
- PCV
- SIMV
- SONT
- CPAP
- Demo

►► **Alarm Parameters:**

- Volumes: V T high/low, MV high/low; Pressure:
- Paw high/low, Pressure limitation Apena, Apnea Backup,
- Freq high/low, FiO2 high/low, Circle Block, High leak,
- Circuit disconnection, Power: AC power failure,
- Low battery, Battery too low

►► **Monitoring Parameters:**

Ppeak, Pmean, Pplat, PEEP, VTi, VTe, MVe, MV_cont., MV_spont, PF_insp, PF_Exp, Leak%, Freq, F_spont, F_cont., I:E, Ti, Te, Ti/T total, FiO2,

►► Parameter

- Application scope: Pediatric and adult
- Driven mode: pneumatically driven and electronically controlled
- Working mode: Pressure and volume
- FiO₂: 45~100%
- TV: 50~1500 ml
- Frequency : 1~60 bpm
- I:E: 9.1:1~1:9.9
- Inhalation platform: 0 ~50%
- PEEP Pressure: 0~2.0 KPa
- Flow trigger: 0.5-20 L/min
- Pressure trigger: -20-0 cmH₂O
- Pressure control: 5-120 cmH₂O
- Pressure support: 0-120 cmH₂O
- Electronic PEEP: 0-50 cm H₂O
- Triggering sensitivity : -0.1~-2.0 (OFF) KPa
- SIGH: 1.0~2.0 VT/50
- SIMV Frequency 2~35 bpm
- Inspiration Time: 0.1~12S
- Maximum inspiratory time : 1.0~6.0 S
- Apnea time : 3~12 S
- Inspiratory flow rate : 5 ~120 L/min
- Wave form: P-T, F-T, V-T
- Loops: P-V, F-V
- Alarms Recall: 1500 Events

►► Other Specification

- Oxygen pressure: 0.28~0.6 MPa
 - System noise: <65 dBA
 - Temperature: 5°C ~ 40°C
 - Relative humidity: ≤85%(25°C)
 - Atmospheric pressure: 96~106 KPa
 - Power: AC85~265V, 47~63Hz
 - Power consumption : 100VA
 - SIZE: 32cm×30cm×25cm
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- **Configuration** : it include trolley,main unit,humidifier,gas source pipeline,power cable,support arm, adult/pediatric breathing circuit,Simulated lung,breathing mask etc.

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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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Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



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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



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