

# ICUVENTilater



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

### Compact, user friendly, effective

ICU Ventilator with compressor based technology designed to be used in different area of healthcare facility. The goal is to design a user friendly ventilator which can deliver an accurate breath with a minimum settings yet without compromising safety of the patient.

### ►► Key Attributes

ICU Ventilator is bulit with the most essential features to support the patient incritical time of breathing and completely user friendly for Medical Personnel.



**Ventilator Modes**



**Control Parameters**



**Alarms**



**Special Functions**



**Display Parameters**



**Safety**

## ►► Technial Data

Ventilator Modes	PCV (Pressure Control Ventilation) APCV (Assistant Pressure Control Ventilation) CPAP/PRESSURE SUPPORT (Continuous Positive Airway Pressure) HFNT (High Flow Nasal Therapy) CPAP	
Control Parameters	<b>Ventilation</b> PIP (Peak Inspiratory Pressure): 1 TO 50 CmH2O CPAP (Continuous Positive Airway Pressure): 1 TO 20 CmH2O Support Pressure: 1 TO 50 CmH2O Inspiratory Flow: 55 Ltr continuous, 120 Ltr Peak Flow FIO2 : 21 TO 100% Breath Rate: 1 TO 80 BPM I TIME : 0.1 TO 12 SEC. Pressure Trigger: 1 TO 15 CmH2O Below PEEP  <b>HFNT (High Flow Nasal Therapy)</b> FiO2: 21 TO 100% FLOW : 1 TO 50 Ltr/ Min	
Alarms	Low Pressure (User configurable) High Pressure (User configurable) Air Pressure Low	Oxygen Pressure Low Disconnection Apnea (in CPAP)
Special Functions	Pneumatic Nebulizer Inspiratory Hold	
Display Parameters	Peak Inspiratory Pressure (PIP) Continuous Positive Airway Pressure (CPAP) Mean Airway Pressure (MAP) Breath Rate I Time Platue Pressure	
Gas Supply	Input Air Supply: 40-60 PSI Input Oxygen Supply: 40-60 PSI Air and Oxygen Connector: DISS connector	
Electrical Specification	Input Voltage: 110 - 240 VAC, 2.5 A (max), 50/60 Hz	
Display	20 * 4 Line Character Display, Pressure Bar Graph Display.	
Safety	Electrical safety: Airway pressure will be release electronically by valve above the limit. Mechanical Safety: Pressure above 60 CmH2O at 40 lpm will be released if system fails.	
Optional Accessories	Compressor Trolley	Online UPS (2 KVA) Disposable Exhalation Valve

CMC is at additional Cost. (Installation and Maintenance, Warranty are covered in CMC (Comprehensive Maintenance Contract))  
 Optional Accessories cost at an actual | Tax & Transportation cost would be extra at an actual.

## 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 @



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