

We fight against **CORONA**

**MAX**  
VENTILATOR

# **PROTON** PLUS - PRO

Critical Care Ventilator

FOR ICU - COVID-19 - POST ICU  
Critical Care Ventilator

Critical Care Ventilator  
with High Flow O<sub>2</sub> Therapy



A Part of Atmanirbhar Bharat

Your reliable partner in patient ventilation

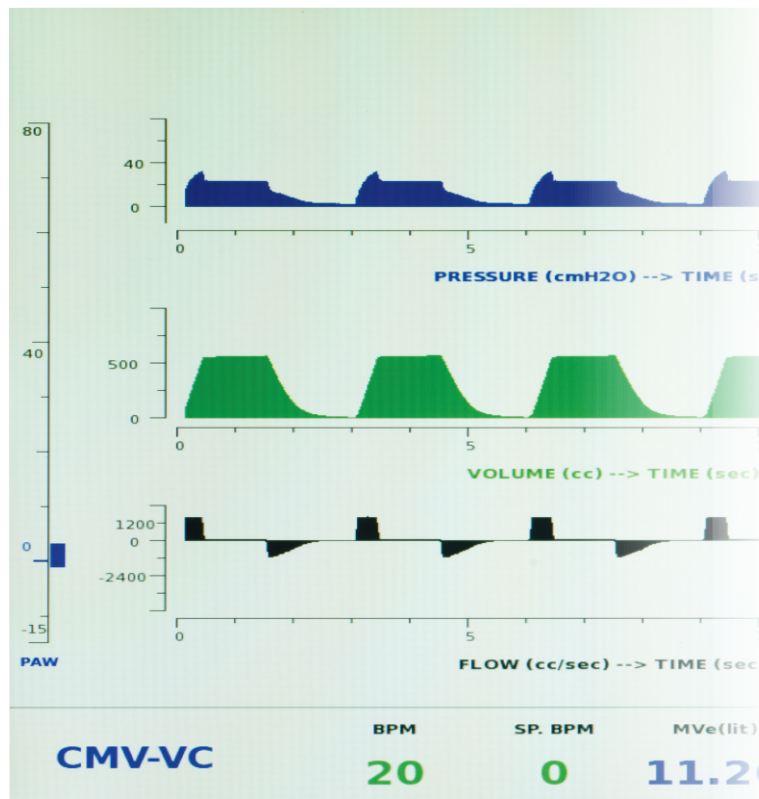
[www.maxventilator.com](http://www.maxventilator.com)

# Critical Care Ventilator with Wide Range of Clinical Solutions

Now with High Flow Oxygen Therapy



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## Complete Care to Critical Care Patients :

PROTON-PLUS CENTO is full point to your search. PROTON-PLUS CENTO has the widest choice of modes to treat every patient. It has basic modes to ventilate fully paralyzed, passive or active patients.

PROTON-PLUS CENTO offers solutions to ventilate complex patients where therapist needs Advanced Modes, AUTO, Spontaneous & Theraphic Modes. These modes not only offer mechanical ventilation but also provide utmost safety and backup ventilation to patients.

The Non-Invasive Modes allow access to quick ventilatory support prior to intubation and easy weaning after extubation.

## One Ventilator For All : Invasive - Non Invasive - High Flow O<sub>2</sub> Therapy

Wide Choice of Modes : Basic, Advanced, Auto & Spontaneous Modes

- Invasive & Non-Invasive Modes
- Modes for Covid-19 Treatment

### Ease of Use

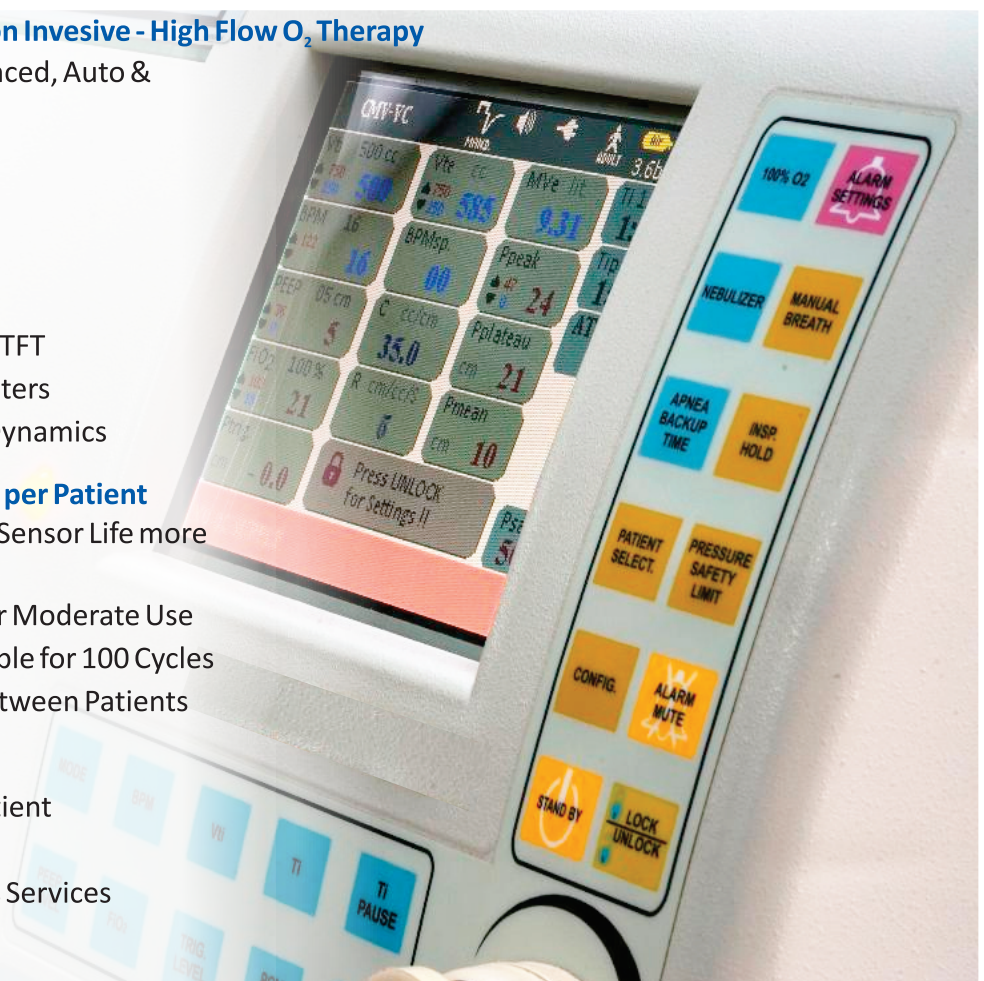
- User Friendly Setting Menu
- Dual Display, 18.5, 5.7 Inch Colour TFT
- Dedicated Keys for Critical Parameters
- Simultaneous Display of All Lung Dynamics

### Economy of Operation-Lowest Cost per Patient

- Reusable-Long Life Flow Sensors : Sensor Life more than 5 years
- Long Life O<sub>2</sub> Sensor : 3 years Under Moderate Use
- Expired Gas Bacteria Filter : Reusable for 100 Cycles
- Minimum Parts To Be Replaced Between Patients

### Your Reliable Partner in Ventilation

- The Lowest Operating Cost Per Patient
- Built To Last Long
- Supported by Excellent After Sales Services





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Critical Care Ventilator



<b>Modes of Ventilation</b>	
Volume Control Modes	CMV-VC, ASSIST-VC, SIMV-VC/PS
Pressure Control Modes	CMV-PC, ASSIST-PC, SIMV-PC/PS
Advanced Modes	PRVC/VS, APRV, BiLevel-TS
Auto Modes	PSV-Auto, VS-Auto
Spontaneous Modes	SPON-CPAP/PS
Non-Invasive Modes	CPAP-NIV, Bi-NIV-TS
High Flow O <sub>2</sub> Therapy	HFNC
<b>Settable Parameters</b>	
Breaths per Minute (BPM)	Up to 120
Tidal Volume (VT)	20 to 3000 cc
Inspiratory Time (Ti)	Up to 4 Sec
FiO <sub>2</sub>	21 to 100%
Trigger	Pressure, Flow
OUTPUT FLOW	5-60 LPM for HFNC Mode
<b>Controlled Parameters</b>	
Expiratory Time, Pressure Control Range, Pressure Support Range, PEEP, Trigger Level, Apnea Back-up Time, Inspiratory Pause, Tube Compensation, Nebulisation, Inspiratory Hold, Inspiratory Pressure Safety Limit	
<b>Measured Parameters</b>	
Breaths per Minute, Airway Pressure, Patient's Effort, Tidal Volume Lung Characteristics, Minute Volume, Oxygen Concentration	
<b>Alarms</b>	
Airway Pressure, Tidal Volume, Inspired FiO <sub>2</sub> , PEEP, O/P Flow Rate, Breaths per Minutes, APNEA, Patient Disconnection Input Gas Pressure, O <sub>2</sub> Purity, Input Supply, Battery Status	
<b>Curves &amp; Loops</b>	
Airway Pressure v/s Time, Tidal Volume v/s Time, Flow v/s Time Pressure v/s Flow, Flow v/s Volume, Volume v/s Pressure	
<b>Pneumatic Input</b>	
Medical Grade Air	2.7-6 Bar (39-87 psi)
Medical Grade Oxygen	2.7-5 Bar (39-87 psi)
Gas Consumption	50 lpm. average, 150 lpm. peak
<b>Electrical Input</b>	
Mains Supply	175-260 V/90-132 V, AC, 50/60 Hz
Internal Battery Back-up	90 Minutes (Monitor & Compressor Excluded)
Power Consumption	70 W for Basic Ventilator
<b>Standard Accessories</b>	
Breathing Circuit	
<b>Optional Accessories</b>	
Humidifier, Medical Grade Compressor	

**MAX**  
**VENTILATOR**

Manufactured by :

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