

GMI

A medical Device Company

Cardiolabs

technology matters...



GMI Oxyvent-9C Plus

ICU Ventilator with both Invasive (VCV,PCV,SIMV,PSV/CPAP) and Non Invasive (BIPAP, BIPAP-ST, HFNC/O2 Therapy) Ventilation.

Features

- ❖ Oxyvent-9C Plus Ventilator suitable for Adult and Pediatric patients (Tidal Volume: 20ml to 15000ml)
- ❖ Latest Proportional Valve Technology combined with simple, innovative and ergonomic design, makes this ventilator with high reliability and performance
- ❖ Intelligent functional , Touch-sensitive 9 inch TFT display makes it more visual and more convenient
- ❖ Simultaneously display for three waveforms and two loops
- ❖ Advance Flow / Pressure Triggering Technology
- ❖ Multi safety mechanism for patient and three level colour coded audio-Visual alarms
- ❖ Recall and review facility up to 500 events
- ❖ Mechanical pressure relief for patient safety
- ❖ Built-in battery backup for 3 hours with trouble free running of ventilator in case of ac power fail

An ISO Certified Company

Technical Specifications

Oxyvent-9C Plus

Patient Type	Adult	Pediatric
Modes	Invasive : VCV, SIMV-VC ,PCV,SIMV-PC, PS/CPAP + Apnea Backup Non-Invasive: BPAP,BIPAP-ST HFNC\O2Therapy	Invasive : VCV, SIMV-VC PCV,SIMV- PC, PS/CPAP + Apnea Backup Non-Invasive: BPAP,BIPAP-ST, HFNC\O2 Therapy,
Tidal Volume	200-1500 ml	20-500 ml
Frequency	1-80 bpm	1-100 bpm
Inspiration time	0.1- 12 S (increment:0.1S)	0.1- 12 S (increment:0.1S)
I:E Ratio	1:6 – 6:1	
FiO2	21-100%	
Trigger	Pressure: -20-0 cmH2O	Flow:-0-20 L/mi
Pressure control	5-60 cmH2O	
Pressure support	0-80 cmH2O	
PEEP	0-30 cm H2O (increment:1 cm H2O)	
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, Cstat,Cdyn,Rins,Rexp,	
Waveform	P-T, F-T, V-T	
Loop	P-V, F-V	
Alarms Recall	500 events	
Alarm	Audio and visual alarms 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 to Low Air/Oxygen gas fail	
General		
Dimensions	300x265x300 mm (HxWxD) approx	
Communication	USB	
Display	9 inch colour TFT with Touch Screen	
Net weight	10 Kg	
Battery	180 minutes	
Gas supply	Oxygen :2.4 - 6.0 bar Air :2.4 - 6.0 bar	
Power Supply	100-240VAC, 50/60Hz, 1A (Max)3 Battery 9.6 V/3.2Ah Lithium ion Phosphate,180min	
SAFETY STANDARD		
Basic Construction	In accordance with IEC 60601-1, IEC 60601-1-2 & EMC 60601-2	
Unit Type	Class 1, Type B, Ip21	
Working Environment	Temperature : 10 To 40°c , Relative Humidity : 10 To 90% Non Condensing	



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Product design and technical specifications subject to change without prior notice due to continuous future up gradation April 2021

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