

iVent -3310C

ICU Ventilator with Built-in Air Compressor



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Technical Specifications

PARAMETER	SPECIFICATION	
Display Mode	10.4” TFT color LCD screen display	
Ventilation Mode	IPPV, SIPPV, SIMV, PEEP, MANUAL, SIGH,IMV, VCV, PCV	
Ventilation Parameters	Tidal Volume	20~1500 ml
	Rate	1~99bpm
	SIMV Rate	1~20bpm
	I:E	4:1~1:8
	Inspiratory Trigger pressure	1.0~2.0Kpa
	PEEP	0~2.0Kpa
	Pressure range	1.0~6.0Kpa
	SIGH	1.5 times the inspiratory time (70-150 adjustable)
	Inspiratory Platform	0~50%
Parameters for ventilation monitoring	Tidal volume, ventilation volume, IPPV rate, SIMV rate, total respiratory rate, I/E, peak pressure of airway, average pressure, pressure - time waveform, flow rate time wave-form, PEEP, inspiratory trigger pressure, Inspiratory plat-form (autonomous inspiratory rate, lung compliance, airway resistance, flow -volume loop, pressure-volume loop)	
Monitoring of oxygen concentration	21%~100% (To avoid Oxygen Toxicity)	
SECURITY ALARM SYSTEM		
Oxygen Concentration Alarm	Upper Limit Setting Range	21%~100%
	Low Limit Setting Range	10%~80%
Airway Pressure Alarm	Upper Limit Setting Range	0.3~6.0kPa
	Low Limit Setting Range	0.2~5.0 kPa
Per Minute Ventilation Volume Alarm	Upper Limit Setting Range	3.0~30L/min
	Low Limit Setting Range	1.0~10L/min

Sustained High-pressure Alarm	It will give alarm when stress have consistently been higher than 2.5 kPa
Suffocation Alarm	It will give sound and light alarm if there is no tidal volume input for 15 seconds.
Power Alarm	
Power	AC 220V±10% 50Hz±1Hz UPS, Storage battery
Mechanical Arms Air Compressor	

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

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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