

AV - 3200B3

Air Compressor Ventilator



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

- The AV-3200B3 is a multi-functional Ventilator adopting pneumatic, electronic control and microcomputer technology. Exported components are utilized to guarantee operational stability and reliability. With color screen (TEF) to display various measuring and configuration parameters, the device is very suitable for respiratory treatment, applicable for medical, surgical and gynecological departments, the department of pediatrics, first aid, and ICU departments of hospitals at different levels. (Air compressor which has 'standby' function inside and air source can be connected)



Large colored LCD
Big font display free
changeable angles of
views.



Nine gear temperate
control system with
heating protection
function



Respiratory

►► **Technical Specifications**

PARAMETER	SPECIFICATION	
Display Mode	10.4" High-definition TFT color LCD screen display	
Ventilation Mode	VCV, PCV, SIMV, PSV, PSV+SIMV, CPAP	
Ventilation Function	PEEP, SIGH, standby, IP, IRV	
Ventilation Parameters	Tidal Volume	20~1800 ml
	Rate	2~120 bpm
	SIMV Rate	2~20bpm
	I:E	4:1~1:8
	Pressure Trigger pressure	-10~10cmH ₂ O
	Flow Trigger Sensitivity	1-20L/min
	PEEP	0~25cmH ₂ O
	Pressure range	3~50cmH ₂ O
	SIGH	1.5 times the inspiratory time (60-120 adjustable)
Inspiratory Platform	0~50%	

	Oxygen concentration	21%~99%
	Pressure Limitation	5~60 cm H ₂ O
	Pressure Slope	1~10 gear
	Flow Rate Setting	1~10 gear
	Expiratory Trigger Pressure	10%~90%
	Time Control	1~10s
Parameters for ventilation monitoring	Expired tidal volume, Inhale tidal volume, Minute Ventilation volume, IPPV rate, SIMV rate, total respiratory rate, autonomous breathing rate, I/E, peak pressure of airway, average pressure, PEEP, Inspiratory trigger pressure, inspiratory platform, oxygen concentration, battery capacity, pressure - time waveform, flow rate - time waveform, flow-volume loop, pressure —volume loop	
SECURITY ALARM SYSTEM		
Oxygen Concentration Alarm	Upper Limit Setting Range	21%~99%
	Low Limit Setting Range	18%~80%
Airway Pressure Alarm	Upper Limit Setting Range	5~60 cm H ₂ O
	Low Limit Setting Range	0~50 cm H ₂ O
Minute Ventilation Volume Alarm	Upper Limit Setting Range	1~20L/min
	Low Limit Setting Range	0~19L/min
Respiratory Rate	Upper Limit Setting Range	10~99bpm
	Low Limit Setting Range	0~50bpm
Tidal Volume	Upper Limit Setting Range	10~1800ml
	Low Limit Setting Range	0~1700ml
Sustained High-pressure Alarm	It will give alarm when stress have consistently been higher than 30 cmH ₂ O .	
Suffocation Alarm	Power Alarm	
Low Pressure of Oxygen alarm	Intubation off alarm	
Low Pressure of Air Alarm	battery voltage alarm	
POWER	AC 220V 50Hz UPS, Storage battery	
Air compressor	With “standby” function	

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 DETOXIFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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