



ALLIED
MEDICAL

Jupiter

Anaesthesia Ventilator

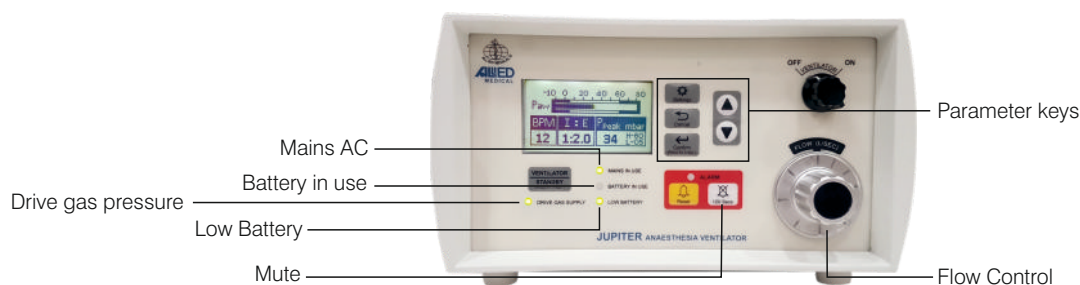


“Time cycled pressure limited
electronically controlled
anaesthesia ventilator”

“Unique inbuilt calculator to guide
initial setting of ventilation
parameters and inspiratory flow”

- Stand alone easy to use unit which can be adapted universally with anesthesia machines for use in closed/Bains circuit
- Mains and battery operated
- Bar graph displays dynamic airway pressure showing upper and lower pressure limits
- Displays Peak Pressure Digitally for every breath
- Settable parameters - BPM, I:E ratio and pressure limits, Inspiratory Flow Rates
- Built-in audio visual alarms

Visual Indicators



Effective ventilation, extra reassurance

- The calibrated ascending bellow provide immediate visual information on the delivered tidal volume, adequacy of fresh gas flow and system leak if any.
- The bellow unit is easily detachable for cleaning purpose and it can be mounted separately, if required.

Inverse Ratios

- The ventilator has the ability to adjust substantially when clinical conditions require inverse I:E.

Inspiratory flow cut off

- The inspiratory phase changes to expiratory in case the dynamic pressure reaches the high-pressure limit. High-pressure Audio-visual alarm will also be activated.

Apnea alarm/ low airway pressure alarm

- If the dynamic pressure fails to go above the low-pressure limit within 15sec, then the low airway audio visual pressure alarm will be activated.



Pediatric Bellow
(Optional)



Allied Jupiter Ventilator
Rear View with adult bellow

Technical Specifications

Tidal Volume	50ml–1500ml
Display	3.2" Mono-chromatic
Modes	CMV, Standby and Manual
Frequency	1–100BPM
I:E Ratio	4:1–1:10
Inspiratory gas flow control	0.1–1.0 L/Sec
Built-in pressure relief valve	70cmH ₂ O
Supply pressure	280–700 kPa (45–100 psi)
Graphical Pressure indication (Bar graph)	(-)10–80cmH ₂ O
Power Supply	220V–240V AC 50Hz
Internal Battery Backup	4hrs.

Physical Specifications

Size (with Adult Bellows)	L260mm x W245mm x H375mm
Packing Box	L410mm x W380mm x H500mm
Weight Incl. Box	6 Kg. approx.

Audio Visual Alarms

Low Airway Pressure (Apnea)	3–25cmH ₂ O (Adjustable)
High Airway Pressure	15–80cmH ₂ O (Adjustable)
Low Supply Gas Pressure	<250 Kpa.
Alarm Mute	120 Sec except for Low Supply Gas Pressure

Note: once alarm condition is rectified audio alarm will stop and visual alarm will continue till reset button is pressed.

Standard Accessories

Single limb circuit with expiratory valve and proximal tubing
Air pressure with high pressure tubing
High pressure O ₂ tubing
Power Cord - 2 Nos.
Facemask



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