



**ALLIED  
MEDICAL**

"People you can Trust"

# Jupiter Plus

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## Anaesthesia Workstation



Designed for  
simpler work flows,  
faster decisions and  
dependable performance.

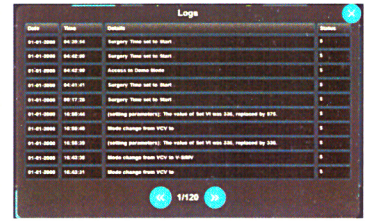


## Smart, Connected & Future Ready

Jupiter Plus combines clinical performance with digital readiness—supporting today’s needs and tomorrow’s expectations.

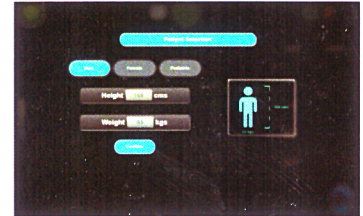
### Advanced Monitoring & Data Access

- VTi and VTe measurement for accurate ventilation assessment
- 72-hour graphical trends for better clinical insight
- Event memory exceeding 1000 logs



### Connectivity & Integration

- HDMI, LAN and RS232 interfaces
- HL7 compatibility for HIS integration
- Designed for connected and digital hospitals



### User-Centric Smart Features

- Patient category, height and weight selection
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- **Countdown timer for drug tracking** – helps clinicians monitor timing of administered drugs, supporting accurate dosing and timely top-ups during surgery
- **Surgery time display** – enables continuous tracking of procedure duration for better anaesthesia planning and decision-making
- Surgery time and countdown timer
- USB and C-type charging ports for clinician convenience

## Patient Monitoring (Optional)

The Jupiter Plus range offers a wide choice of Monitoring Systems with availability of optional extended parameters such as AGM, BIS, ICG, CO, 4 x IBP, EEG, Para-magnetic O<sub>2</sub>, NMT



M700 Series Patient Monitors

ECG | NIBP | SpO<sub>2</sub> | 2xTEMP  
RESP | EtCO<sub>2</sub> | AGM | CO  
IBP | BIS | NMT | ICG | EEG

## Vaporiser (Optional)

- Calibration range : 0 to 5%, 0 to 6% and 0 to 8% set by using a Laser Refractometer
- Easy to turn dials with safety lock to prevent accidental turn-on
- Agent specific vaporisers designed to provide constant output set by user
- Interlock mechanism to lock in series with other vaporisers
- Individually calibrated for specific anesthetic drug
- Agent Capacity: 250 ± 25ml
- Available in Screw fill, Quik Fil™ and Meditec Fill™
- Available for Halothane, Sevoflurane and Isoflurane



Allied Meditec Pisces

## TECHNICAL SPECIFICATIONS

Storage Space	Two spacious drawers for keeping essential anaesthesia kit/ accessories
Castors & Foot Rest	Large roller bearing anti-static castors with front brakes & foot rest
Writing Surface	Wide table top for writing
Monitor Shelf	Wide Monitor shelf at eye level
Cylinder Yokes	Color coded gas specific (pin indexed) yokes with sliding stainless steel clamping bars for easy handling. Holding One O <sub>2</sub> and One N <sub>2</sub> O 5 Ltr. water capacity cylinders
Non-return/ Pressure Relief Valve	Minimizes risk of back flow of gases, blows off when pressure exceeds 125 cmH <sub>2</sub> O
Regulators	Designed for higher efficiency, long service life and reliability for O <sub>2</sub> and N <sub>2</sub> O
O <sub>2</sub> Flush	Emergency oxygen flush switch at table level to give 25-75 Ltrs/min for emergencies
O <sub>2</sub> Failure Warning Alarm	Self activated electro-pneumatic audio visual warning device to indicate drop in O <sub>2</sub> pressure below 2.5 Bar
Nitro Lock	It enables N <sub>2</sub> O to cut off if Oxygen fails
Hypoxic Guard	Mixing device to proportion the N <sub>2</sub> O in such a way that minimum of 25% O <sub>2</sub> is always present in the breathing gas mixture
Common Gas Outlet (CGO)	Conveniently located CGO with ISO tapers for 22 & 15mm connections
Pipeline Gas Inlets	Non-interchangeable screw threaded (NIST) pipeline inlets. In case of drop in piped gas pressure the pin index cylinders take over automatically
Pressure Gauges	Larges diameter, color coded gauges fitted at convenient angle for better visibility and clarity. One for each of the pin indexed yokes and one each corresponding to piped gas inlet
Selectatec Brackets	Twin Selectatec Block
Breathing Circuits	Bains and Closed circuit provided as standard

### CASCADE FLOWMETER

Oxygen Low Flow	0.05–1.0 lpm
Oxygen High Flow	1–10 lpm
N <sub>2</sub> O Low Flow	0.05–1.0 lpm
N <sub>2</sub> O High Flow	1–12 lpm
Air	0.2–15 lpm

### PHYSICAL SPECIFICATION

Dimensions (mm)	1370 (H) x 960 (W) X 860(D)
Work Surface (mm)	842 (H) × 480 (W) × 220 (D)
Drawer (mm)	104 (H) × 335 (W) × 306 (D)
Weight	100 kg

## VENTILATOR TECHNICAL SPECIFICATIONS

Modes	VCV, PCV, V-SIMV+PSV, P-SIMV+PSV, PSV (optional), AC-V, AC-P and Manual	Minute Volume	0–40 lpm
Electronic PEEP	Settable, 3–30 cmH <sub>2</sub> O	Inspiratory Pause	0–50% of Ti
Waveforms	Pressure, Flow and Volume	Adjustable Pressure Relief	0–70 cmH <sub>2</sub> O
Loops	Pressure vs Volume, Flow vs Volume	Supply Gas Low Alarm	250kpa
Compensation	Fresh Gas and Compliance	Respiratory Manometer Pressure Gauge	(-)20-(+)100 cmH <sub>2</sub> O
Tidal Volume	20ml–1500ml	Internal Battery Backup	120 mins
Pinsp	5–65 cmH <sub>2</sub> O	Power Supply	100–250 Volts
Frequency	1–100 bpm	Pressure High Alarm	Upto 75 cmH <sub>2</sub> O
I:E Ratio	4:1–1:9	Pressure Low Alarm	1–10 cmH <sub>2</sub> O
Trends / Logs	72 hrs / 1000 Events	Mains Fail	Indicates main power failure
Driving Gas	Oxygen (Standard)/ Air (Optional)	Low Battery Alarm	Less than 15 minutes backup
Supply Pressure	45–100 PSI (310–700 kPa)		



**ALLIED**  
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\*In view of continued product improvement Allied Medical reserves the right to make changes in the equipment which may affect the information contained in this leaflet without giving any prior notice. Pictures are representative, accessories are optional and may vary at the time of supply.