



Anaesthesia System KAM-B100

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Anaesthesia System KAM-B100 is fully featured high-end general anaesthesia workstation equipped with wide screen display for respiratory trends, and other vital parameters. PCV and SIMV + PS modes ensure flexible ventilation. Comprehensive monitoring and intelligent gas flush and cut-off system for critical events improves patient safety.

Features:

- Integrated 10.4" Monitor screen
- Ventilation modes: IPPV, PCV, SIMV + PS, PS and Manual
- CO₂ Absorption: 3 Litre Autoclavable Tank
- Flowmeter: minimum 25% O₂/N₂O mixture concentration
- Double Vaporizer with Selectatec interlock
- Comprehensive safety alarms with mute
- Suitable for central or non-central OT
- Suitable for Adult, Pediatric and Infant
- Monitoring of O₂, CO₂ and anaesthetics (optional)
- Heated Breathing system (optional)

Applications:

Used in Surgical or Gynaecological departments to administer appropriate anaesthesia dosage at a specified rate to ensure effective sedation during surgeries and other invasive diagnostic or interventional procedures.

Specifications :

Alarm	High/Low Airway Pressure, Sustained Airway Pressure, High/Low Minute Volume, High/Low FiO ₂ , High Breath Rate, O ₂ supply failure, Power failure, Apnea alarm, Mute : 110s
Anaesthetic Agents	Halothane, Enflurane, Isoflurane, Sevoflurane
APL Range	Spontaneous breathing (SP) -70 cmH ₂ O
Battery	24 V 4Ah ; 120 min
CO₂ Absorption Tank	3 L Autoclavable
Dimensions	760 × 1300 × 630mm
Display	10.4" TFT Colour
Drive	Pneumatically driven and electronically controlled
Electronic PEEP	Off / 3 cmH ₂ O – 30 cmH ₂ O
Flowmeter	O ₂ : 0 ~ 10L/min Air : 0 ~ 12L/min N ₂ O : 0 ~ 10L/min Auxiliary O ₂ : 0 ~ 12L/min
Gas Supply	O ₂ , Air, N ₂ O
Graph Display	P-T, F-T, P-V, F-V
I: E Ratio	4:1 to 1:8
Operational modes	Closed, Semi-closed, Semi-open
Plateau (Inspiratory)	Off / 5% – 60% Ti
Power Supply	100 V ~ 240 V 50/60 Hz
Pressure (Inspiratory)	5 cmH ₂ O – 70 cmH ₂ O
Pressure (Support)	3 cmH ₂ O – 50 cmH ₂ O
Pressure Trend	P _{aw} , P _{peak} , P _{plat} , P _{mean} , PEEP
T-slope	0 ~ 2s
Tidal Volume	20 ml to 1500 ml
Trigger Sensitivity	1 – 15 L/min
Vaporizer	Supports 2 vaporizers
Vaporizer Filling methods	Pour Fill Key Fill Quick-Fil
Ventilation Gas (Optional CO₂, AG, MAC)	FiO ₂
Ventilation Modes	IPPV, PCV, SIMV + PS, PS and Manual

Ventilator Pressure at Inlet	280 kPa ~ 600 kPa
Volume Monitoring	MV, VT, Freq
Weight	100 Kgs



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