



APUS Anesthesia Machines



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APUS x1
Anesthesia Machine



Breathing circuit applicable for complete range

Autoclavable metal and plastic materials.
Suitable for adult, pediatric and neonatal patients.
Featured with stable pressure tightness.
Visual observation of bellows and valves.
Breathing system with ascending or descending bellows.

Reliable CO₂ absorber

One-hand operation designed CO₂ absorber.
By-Pass function to ensure smooth operation.
Canister detection feature.
Autoclavable PPSU material (up to 134 °C)

Superior ventilator

Fresh gas, compliance and leakage compensation.
VCV, PCV, PSV, SIMV, PCV-VG and Manual ventilation modes.
Integrated ACGO feature to connect open circuit.



Comfortable structure

Two-sided guide rails for patient monitor, support arm and injection pump. Stainless steel material can withstand any chemical sterilization agent. Equipped with LED light to provide lighting for the large workbench.



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Specifications

Screen	8 inch TFT LCD screen, 800 x 480 pixels
Gas supply	O ₂ , N ₂ O, AIR
Vaporizer mount	Selectatec® type for two vaporizer
ACGO	Standard
Flowmeter	Mechanical type – 6 flow tubes for 3 gases
Absorber bypass	Standard
Ventilator modes	VCV, PCV, PSV, SIMV, PCV-VG, Manual/Spont
Tidal volume	5 – 1.500 ml
Frequency	4 – 100 bpm
I:E ratio	4:1 – 1:10
Pressure control	(PEEP+5) – 70 cm H ₂ O
Pressure support	(PEEP+5) – 50 cm H ₂ O
PEEP	Off, 3 – 30 cm H ₂ O
Trigger	Flow and pressure
Waveforms	Pressure-t, Flow-t
Spirometry loop	P-V, P-F, F-V, Reference Loop
Cylinder yoke	Optional (O ₂ , N ₂ O)
Battery	Standard 120 min (1 Li-Ion battery, 4800 mAh), optional 240 min (2 batteries, 9600 mAh)
AGSS	Optional
Auxiliary power outlets	3
Drawers	2
Reading lamp	LED lighting included
Gas monitor module	Optional (CO ₂ , AA)
Breathing circuit heater	Standard
O ₂ cell	Chemical
Optional functions	Suction unit, AGSS

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