



APUS Anesthesia Machines



www.axcentmedical.com



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, PRVC 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.



APUS x1 Anesthesia Machine

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, PRVC, 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	BIS, NMT, Suction



APUS x2 Anesthesia Machine

Features

- 12.1" TFT touch screen
- User friendly interface design
- Tidal volume 5 – 1.500 ml
- Semi-electronic flowmeter
- Circle system consisting of metal materials
- Bypass function for soda lime canister
- All ventilation modes to suit neonatal, pediatric and adult patients.
- Highly integrated breathing circuit with built-in heater
- ACGO function to handle open circuits



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).

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.



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.

Superior ventilator

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



APUS x2 Anesthesia Machine

Specifications

Screen	12.1 inch TFT LCD screen, 800 x 600 pixels
Gas supply	O ₂ , N ₂ O, AIR
Vaporizer mount	Selectatec® type for two vaporizer
ACGO	Standard
Flowmeter	Semi-electronic type - digital and virtual display
Absorber bypass	Standard
Ventilator modes	VCV, PCV, PSV, SIMV, PRVC, 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, CO ₂ -t, user configurable
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	BIS, NMT, Suction

Anesthesia Machines APUS





APUS x3 Anesthesia Machine

Features

- 15.6" TFT touch screen display, integrated patient monitor as option.
- User friendly interface design and easy to operate.
- Rotatable and adjustable supporting arm.
- Full-electronic flowmeter with precise control and accurate data monitoring.
- All ventilation modes to suit neonatal, pediatric and adult patients.
- Highly integrated breathing circuit with built-in heater



axcent
medical



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, PRVC 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.

APUS x3 Anesthesia Machine



Specifications

Screen	15.6/17/19 inch TFT LED screen, 1366 x 768 pixels
Gas supply	O ₂ , N ₂ O, AIR
Vaporizer mount	Selectatec® type for two vaporizer
ACGO	Standard
Flowmeter	Electronic type – numerical and graphical
Absorber bypass	Standard
Ventilator modes	VCV, PCV, PSV, SIMV, PRVC, HLM, 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, Volume-t, Flow-t, CO ₂ -t, user configurable
Spirometry loop	P-V, P-F, F-V, Reference Loop
Cylinder yoke	Optional (O ₂ N ₂)
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	BIS, NMT, Suction
Optional Patient Monitor	Integrated 15.6" monitor: ECG, SpO ₂ , NIBP, TEMP, RESP, 2-IBP)



APUS

Anesthesia Machines

For more information, please contact us.

aXcent medical GmbH

Josef-Görres-Platz 2

56068 Koblenz

Germany

Phone: +49 261 30 11 117

Fax: +49 261 30 11 111

Mail: info@axcentmedical.com

www.axcentmedical.com