



A-mac S23

Anaesthesia Machine



**SCHILLER**  
The Art of Diagnostics

- Easier operation and observation with 8.4" LCD color touch screen and waveforms & parameters monitoring in different colors.
- IPPV, PCV, SIMV-VC, SIMV-PC and PS/CPAP comprehensive ventilation modes meet diverse clinical requirements.
- Double-tube mechanical flowmeter for each gas source is suitable for various operating requirements.
- Spirometry loops make it more intuitive on showing the ventilation effectiveness.
- The optional AGSS provides more protection for the operating environment.
- Optional multiple anesthetic gas monitoring (AGM).

## Technical Specifications

### Physical & Environmental Specifications

- Dimensions(H×W×D): 1356×845×620mm
- Weight : 110kg (Basic unit)
- Storage temperature: -20~55°C
- Working temperature: 10~40°C
- Storage humidity: ≤93%

### Electrical Specifications

- Mains: AC 100~240V, 50/60Hz
- Battery: DC 24V, minimum 120min
- Mains outlet: 3

### Pneumatic Specifications

- Gas supply: 0.28~0.6MPa
- Flowmeters: O<sub>2</sub>: 0~1 L/min; 1~10 L/min  
N<sub>2</sub>O: 0~1 L/min; 1~12 L/min  
Air: 0~1 L/min; 1~15 L/min
- Gas system: O<sub>2</sub> supply failure alarm  
O<sub>2</sub> supply failure protection  
O<sub>2</sub> flush: 25~75 L/min
- Working mode: Closed, Semi-closed, Semi-open
- Driven mode: Pneumatically driven and electronically controlled
- Safety valve: ≤10kPa
- Operating mode: Man. / Vent.
- Cylinder yokes: Standard

### Ventilator Specifications

- Patient type: Adult, paediatric
- Ventilation modes: IPPV, PCV, SIMV-VC, SIMV-PC, Manual, PS/CPAP (with apnea backup), Stand by

- Setting: Navigator knob & touchscreen
- Tidal volume: 20~1500ml
- Ventilation frequency: 2~100bpm
- I:E ratio: 4:1~1:8
- PEEP: OFF, 3~30cmH<sub>2</sub>O
- Inspiratory plateau: OFF, 5~60%
- Flow trigger: 1~15 L/min
- Pressure range: 5~70cmH<sub>2</sub>O
- Pressure support: 3~50cmH<sub>2</sub>O
- Monitoring display: Pressure: P<sub>peak</sub>, P<sub>plat</sub>, P<sub>mean</sub>, PEEP  
Volumes: MV, Vt  
Respiratory frequency  
Compliance  
Gas: O<sub>2</sub>, CO<sub>2</sub>, Agent (All optional)
- Graph display: P-t, F-t, V-t waveforms, P-V and F-V loops
- Alarm: High/Low Airway Pressure  
High/Low Minute Volume  
High/Low FiO<sub>2</sub> (when FiO<sub>2</sub> function is enabled)  
Power failure  
O<sub>2</sub> Supply failure, Apnea,.....
- Alarm Silence: ≤120 s

### Vaporizer

- Supports 2 vaporizers (Selectatec® with interlock Optional standby vaporizer parking holder)
- Agent type: Halothane, Enflurane, Isoflurane, Sevoflurane
- Filling type: Pour-fill, Key-fill, Quik-fill®

Remark: Above configurations include standard and option. Please check price with your Schiller sales representative.

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Accessories shown are not part of standard configuration All registered trademarks acknowledged.

Technical data are subject to change without notice

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