

CE

Oscar Prime



- Oscar Prime with large Touch Screen, various monitoring waveforms parameters in different colors
- VCV, PCV, V-SIMV, P-SIMV, MANUAL, standby modes can easily meet the ventilation requirement
- 5-tube /3-tube flow meters for 3-gas and 2-gas sources, suitable for various operation requirements
- F-T, P-T graphs for easier interpretation of ventilation effectiveness
- Low flow ventilation compatible
- Electrostatically powder coated metal structure
- Adult, Pediatric compatible
- Hypoxia guard/ ORC equipped
- Integrated CO₂ absorption system equipped
- AGM system (optional)
- Peep obtained is displayed
- Fi O₂ Monitoring (optional)
- Peep (optional)
- With CE Certificate, meets EU clinical safety requirements

Technical Specification

Physical & Environmental Specification

• Dimension	1356×845×620mm
• Weight:	125 kg Approx (basic unit)
• Storage temperature:	-20~+55°C
• Working temperature:	+10~+40°C
• Storage humidity:	93%

Electrical Specification

• Mains:	100~240V, 50/60Hz
• Battery:	12V DC, minimum 120 min
• Mains outlet:	2

Pneumatic Specification

• Gas supply:	0.28~0.6MPa
• Flowmeters:	O ₂ : 0 1L/min; 1~10L/min N ₂ O: 0~1L/min; 1~12L/min Air: 0~15L/min
• Gas system:	Oxygen supply failure alarm Oxygen supply failure protection O ₂ flush: 25~75L/min
• Working mode:	Closed, Semi-closed, Semi-open
• Driven mode:	Pneumatically driven and electronically controlled
• Safety valve:	6kPa
• Operating mode:	Man. / Vent.
• Cylinder yokes:	O ₂ -2 no., N ₂ O-1 no.

Ventilator Specification

• Patient type:	Adult, pediatric
• Ventilation modes:	VCV, PCV, V-SIMV, P-SIMV, PSV (opt.) Manual, Standby

• Setting:	Mode selection knob and touch screen
• Tidal volume:	20~1500ml
• Ventilation frequency:	6~100bpm
• I:E ratio:	4:1~1:4
• PEEP:	0~20 cmH ₂ O (optional)
• Inspiratory plateau:	OFF 5%~60%
• Pressure trigger:	0 ~ 20 cm H ₂ O
• Pressure range:	5~70 cm H ₂ O
• Monitoring display:	Display: 7" color touch screen Pressure: P Peak, PEEP Volumes: MV, Vt Breath rate I:E ratio Pt % FiO ₂ (opt.)
• Graph display:	P-t, F-t waveforms
• Alarm:	High Airway Pressure/Low Airway Pressure High Minute Volume/Low Minute Volume High FiO ₂ /Low FiO ₂ (when FiO ₂ function is enabled) Low Battery O ₂ Supply failure, Apnea, Alarm Silence: 120 seconds

Vaporizer

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

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

"In view of continued product improvement company reserves the right to make changes in the equipment which may affect the information contained in this leaflet without notice.

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