



OSIRIS

OSIRIS¹

SPECIFICATIONS OSIRIS

Applications

Adult – Paediatrics
 Emergency – Transportation – Inter-hospital transportation –
 Post-operative recovery

Ventilation modes

Controlled Mechanical Ventilation or Assist Controlled Mechanical Ventilation with integrated PEEP with:

- either pure oxygen
- or an air/oxygen mixture

OSIRIS 2

Spontaneous Ventilation with Pressure Support and PEEP, which may be applied non-invasively using a mask; this being done in a controlled pressure safety mode.

Minimum respiratory rate setting that guarantees adequate ventilation, even if spontaneous patient respiration stops.

Control

Tidal volume 100 to 1500 mL
 Respiratory rate 6 to 40 c/min
 PEEP 0 to 15 cmH₂O
 Inspiratory trigger 0.5 to 4 cmH₂O
 I:E ratio 1:3 to 1:1
 FiO₂ 100% or air/O₂ mixture
 CMV-ACMV mode with 100% O₂
 CMV-ACMV mode with air/O₂ mixture

OSIRIS 2

Pressure Support 5 to 40 cmH₂O
 PS - PEEP mode with air/O₂ mixture

Alarms

Alarm: audible and visual, with liquid-crystal alarm message display.

Pmax 10 to 80 cmH₂O
 Pmin 5 to 10 cmH₂O above the PEEP
 fmax 20 to 60 c/min

Mains or battery power indicator
 Electrical autonomy indicator
 Electrical power supply defect alarm

Monitoring

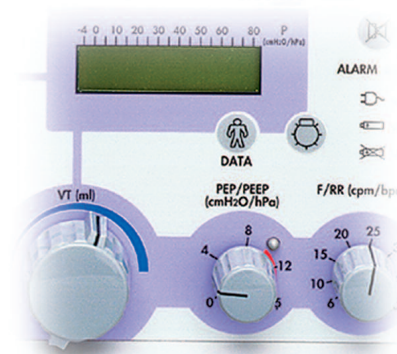
Bargraph pressure display - 4 à 80 cmH₂O
 Frequency
 I/E ratio

Technical characteristics

Size (L x H x D) 250 x 210 x 170 mm
 Weight 5 kg
 Gas consumption of unit itself 1 L/min
 Pneumatic supply 2.8 to 6 bar
 Internal power supply NiCd battery pack
 Battery autonomy 10 h
 Time to charge battery 10 h
 AC/DC mains power supply adapter:
 - Input 230 V/50 Hz
 - Output 15 V/6 W
 CMV-ACMV peak flowrate 100 L/min

OSIRIS 2

PS-PEEP peak flowrate 130 L/min



OSIRIS 1 and 2 ventilators are equipped with the following accessories:

- Patient circuit: silicone tube, control tube, 3-way valve, bracelets
- Adult mask
- Child mask
- Transportation bag
- NiCd battery
- Mains power supply pack
- Oxygen supply hose



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Air Liquide Medical Systems
 Parc de Haute Technologie - 6, rue Georges Besse
 92182 Antony Cedex
 France
 Tel +33 1 40 96 66 00 / Fax +33 1 40 96 67 00

