

OSIRIS 1 - OSIRIS 2

Osiris, a full range for transportation



Specifications Osiris

Applications

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

Ventilation modes

Controlled Mechanical Ventilation or Assist Controlled Mechanical Ventilation using either:

- pure oxygen
- a mixture of air and oxygen

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 100% O₂
CMV-ACMV mode 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 to 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



Contact

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Air Liquide Healthcare is a world leader in medical gases, home healthcare, hygiene products and healthcare specialty ingredients. It aims to provide customers in the continuum of care from hospital to home with medical products, specialty ingredients and services that contribute to protecting vulnerable lives.

Please read the user manual carefully. Manufactured by Air Liquide Medical Systems SA. Class IIb medical device. CE 0459

Air Liquide Medical Systems is committed to an environmental approach with a quality-environment management system certified ISO 14001:2015. For more information, go and visit our website <https://www.device.airliquidehealthcare.com/our-commitments>

