

OSIRIS 3

Pressure support and flow monitoring in the Emergency field



General specifications

Applications

Adult – Child
Emergency – Transport – Intra-hospital transfer – Recovery

Ventilator modes

Volume Control / Assisted Volume Control Mechanical
Ventilation with integrated PEEP using either:
- pure oxygen
- a mixture of air and oxygen

Spontaneous non-invasive ventilation using a mask with Pressure Support and PEEP, and a pressure controlled safety mode.

Performance

Tidal volume..... 100 to 2000 mL
Breathing rate..... 6 to 40 c/min
PEEP..... 0 to 15 cmH₂O
Inspiratory trigger..... OFF, -0.5 to 4 cmH₂O
I:E Ratio..... 1:3 to 1:1
FiO₂..... 100% or air/O₂ mix
CMV/ACMV Position..... 100%
CMV/ACMV Position air/O₂ mix

Pressure support..... 5 to 40 cmH₂O
PS-PEEP Position air/O₂ mix

Alarms

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

Pmax..... 10 to 80 cmH₂O
Pmin..... 5 to 10 cmH₂O above the PEEP
fmax..... 20 to 60 c/min
Min exp MV 0.1 to 40 L/min

Leak, Disconnection, Technical Alarms
Battery or mains function indicator
Indicator for end of electricity supply autonomy
Power failure alarm
Indicator for fully charged battery

Monitoring

Patient circuit pressure through electronic peak pressure, expired VT and minute volume
Peak expiratory flow rate
Breathing rate, I/E

Technical characteristics

Dimensions (L x H x D) 250 x 210 x 170 mm
Weight..... 5 kg
Individual gas consumption..... 1 L/min
Gas supply..... 2.8 to 6 bar
Internal power supply..... pack of NiMH batteries
Battery life..... 6 hours minimum, 14 hours usually
Charging time..... 3 hours
100 – 230 V/50 - 60 Hz AC power supply
8 to 30 V DC power supply via special cord

CMV-ACMV peak flowrate..... 100 L/min
PS-PEEP peak flowrate..... 130 L/min

OSIRIS 3 is supplied with the following accessories:

- patient circuit comprising: patient tube, 3 channel valve and bands, bracelets, proximal flow sensor
- adult mask
- child mask
- carrying bag
- NiMH batteries
- power supply
- oxygen supply tube
- patient circuit and sensor are reusable or single use



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>

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