

OSIRIS³

*Pressure support and
flow monitoring
in 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 supplied:
-either with pure oxygen
-or with air/oxygen mix

Spontaneous Ventilation with Pressure Support and PEEP for Non-Invasive ventilation with a mask, this with 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

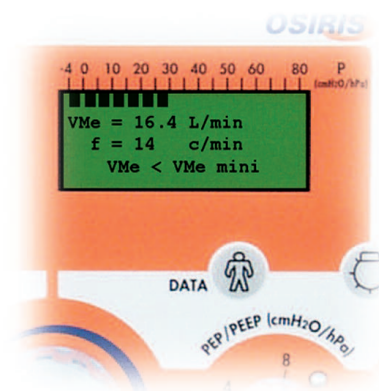
Patient circuit pressure through electronic manometer, peak pressure
Expired VT and minute volume
Peak expiratory flow rate
Breathing rate, I/E

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



Air Liquide's Healthcare business supplies medical gases & equipment to hospitals, medical services to patients at home and is active in the fight against nosocomial infections.

Its 7,800 employees serve 5,000 hospitals and 300,000 patients, on five continents.

Air Liquide is the world leader in gases for industry, health and the environment.



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

