

Taema



OSIRIS³

*Pressure support and
flow monitoring
in Emergency field*

Taema

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

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-Non-contractual document: Products may be modified without notice -

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Taema is an activity of AIR LIQUIDE Santé International

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In over 40 countries, the mission of the AIR LIQUIDE Santé associates is to contribute towards improving the care provided to patients, in hospital and at home.
Their ethic is to provide constant attention to the sick and assistance to those caring for them.
Their ambition is promote the development of the AIR LIQUIDE group in the healthcare industry.



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