

Babywell Bubble CPAP

MEDISYS[®]

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PRODUCT CATALOGUE



BABYWELL BUBBLE CPAP

With built-in turbine for the source of air, it is quite innovative in design and concept. The approach makes it very compact and cost effective to treat the newborns suffering from Infant Respiratory Distress Syndrome.

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It is based on the usual concept of providing CPAP by maintaining a continuous flow of blended gas in the patient circuit and exiting through a water column. Blending of air and oxygen is done by an electronic blender with a digital display. Most importantly, air is supplied by a built-in turbine and the need for attaching a bulky compressor is avoided.

The unit comes in all-in-one pack comprising of the Air Turbine, electronic blender, flow controller, servo controlled humidifier, heated breathing circuit, patient manifold and the pressure generator.

FEATURES:

- Air Compressor-less design
- Air delivery from internal turbine
- Electronic Blender for precise FiO₂
- Very low power consumption
- Indication of oxygen failure
- Quick-fit Bacteria Air Filter
- Designed for low pressure with inbuilt safety
- Servo controlled Humidifier with temperature probe
- Maintains FiO₂ of 40% in the event of power failure

SPECIFICATIONS

Continuous flow : 0 to 12 L/min

FiO₂ : 21 to 100%

Pressure limit : 30 cmH₂O

CPAP : 1 to 10 cmH₂O

Humidifier : Servo controlled with temperature probe

Patient manifold : Nasal prongs with head harness

Electrical power : 220 VAC, 40 Watt