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Product Name :

CPAP,newborn,w/compressor & O2 concentr

Product Code :

LBNY-0017-220055



www.laboratoryinstrumentindia.com

Description :

An electrically powered device designed to deliver high-flow (exceeding peak inspiratory flow) heated and humidified ambient air or air/oxygen to a neonatal patient as part of non-invasive ventilation (NIV); it may additionally be used with a water tank to produce bubble continuous positive airway pressure (bubble CPAP). It is intended for use by a healthcare provider on a spontaneously breathing patient in hospital settings. It consists of a gas flow generator that entrains room air, an oxygen concentrator, a heating provision, and humidification chamber; it does not include CPAP controlling pressure sensors.

Technical Specification :

Medical bubble CPAP unit on 4 antistatic castors,
Provides oxygen concentration in the range of 21% - 95%.
Supports pressures between 1 – 10 CmH₂O through bubble controller.
Maximum total blended gas flow: 20L/min.
Maximum oxygen flow capacity: 10L/min.
Maximum air flow capacity: 10L/min.
Suitable for heated and non-heated closed patient circuits.
Including alarms for: power failure, low oxygen concentration, high and low pressure, no flow.
Does not require external supply of compressed gas or oxygen due to internal compressor and oxygen concentrator.
Provides continuous positive airway pressure to spontaneously breathing infants requiring respiratory support, for premature neonates and infants weighing up to 10kg.
Allows for the provision of warmed and humidified air to the patient.
Supplied including voltage protector.

Power supply: 240VAC, 50Hz.



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