



Since 1996

BUBBLE CPAP

BCS2023

Bubble CPAP unit is full featured NICU equipment to meet neonatal critical care requirements for New-born baby those with spontaneous breathing infants requiring respiratory support. Bubble CPAP is a complete system providing perfect delivery of FIO2 with inbuilt Air/Oxygen Blender, Bubble generator with pressure manifold, heated breathing circuit and inbuilt medical grade Air compressor.



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PRAGATHI MEDICAL SYSTEMS



Bubble CPAP BCS2023

FEATURES AND SPECIFICATIONS

Bubble CPAP unit is full featured NICU equipment to meet neonatal critical care requirements for New-born baby those with spontaneous breathing infants requiring respiratory support. Bubble CPAP is a complete system providing perfect delivery of FIO₂ with inbuilt Air / Oxygen Blender, Bubble generator with pressure manifold, heated breathing circuit and inbuilt medical grade Air compressor.

- **Servo Humidifier** Compatible for neonate to adult patients with Invasive & Non-invasive modes.
- **Blender** Compact and unique Air / Oxygen blender to maintain perfect FIO₂ from 21% to 100%. Oxygen flow directly can be connected to central pipe line or through flow meter regulator easy to use.
- **Air Compressor** Low Noise Medical grade oil free low pressure Air compressor with bacteria filter, Maximum flow 15L/minute, High pressure relief value protection with constant air flow to the blender.
- **Bubble Generator** CPAP Bubble generator with adjustable CPAP from 3 to 10 cmH₂O, water chamber ease to fill and remove mounted on side of the stand.



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PRAGATHI MEDICAL SYSTEMS



Bubble CPAP BCS2023 Without Compressor

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PRAGATHI MEDICAL SYSTEMS

HFNC System with Bubble CPAP

Easily convertible from Bubble CPAP to HFNC therapy for use with Neonatal, Paediatric and Adult patients. Inbuilt Air/Oxygen Blender with multiple options of flow meters, ranging from 0.1 Lpm to 60 Lpm. Inbuilt fully automatic servo humidifier with heated wired breathing patient tubing's to maintain airway temperature and humidification, wide range patient interface, Suitable for multiple applications like Bubble CPAP, High Flow Oxygen Therapy, Resuscitation prodecures & Routine oxygen therapy

Air/Oxygen Blender

- Fio2 from 21% to 100% with low & high pressure alarms.
- Dual flow options Low flow 0.1 to 10 Lpm and Hi flow 2.0 to 60 Lpm
- Working Air & Oxygen Pressure 4 Kg/60 Psi
- Accuracy +/- 3%
- Works on low flow - high flow input pressures

Servo Humidifier

- Servo Humidifier with Invasive and non-invasive modes
- Heater wire heating system for inspiratory breathing circuits to maintain airway temp.
- Alarm for High Temp, Low Temp, Temp Sensor and heater wire failure

Air Compressor

Compact inbuilt Low noise medical grade oil free air compressor with high pressure safety release valve



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