



NEO FLOW Bubble CPAP System

The Bubble CPAP system is intended to provide CPAP to spontaneously breathing neonates and infants who require breathing support due to conditions associated with prematurity (such as respiratory distress syndrome) or other conditions where CPAP is required or desired and prescribed by a physician.

The Bubble CPAP System is for use in the hospital clinical environment such as the NICU (Neonatal Intensive Care Unit) and PICU (Pediatric Intensive Care Unit).

The intended patient population is premature and full-term neonates up to a weight of 10 kg.

Salient Features:

1. Safe, effective and easy to use.
2. **Operating Input Flow Range:** 4-15 L/min
3. **CPAP Generator Adjustable Range:** 3-10 cm H₂O
4. **Recommended Operating Temperature Range:** 18°C to 26°C
5. **Maximum Pressure Limit:** 17 cm H₂O @ 8 L/min
6. **Intended Patient Population:** Premature and full-term neonates up to a weight of 10 kg.
7. The water trap in the expiratory limb prevents unwanted pressure peaks due to condensation in the expiratory limb.
8. Provides comfort and optimum CPAP support to the infant

Main Components:

1. Respiratory Heated Humidifier
2. Humidification chamber (Neonatal)
3. Air-Oxygen Blender
4. Bubble Generator
5. Heated breathing circuit
6. Patient Interface
 - a. Inflow generator
 - b. Head Bonnet
 - c. Nasal Prongs
7. Pressure Relief Valve
8. Mounting Pole and Brackets
9. Medical Air Compressor (Optional)



TAURUS T7 Respiratory Heated Humidifier

Servo controlled Heated Humidifier

Suitable for Neonates

Digital Temperature Display

Mode of Application: Invasive Mode

Humidifier Modes: Heater wire Mode

Heater Plate Power: 150 W

Temperature Settings: Invasive Mode : **Chamber Set Point:** 35.5°C-42°C

Airway Set Point: 35°C-40°C

Safety Alarms: Airway/Chamber - High/Low Temperature, Heater Wire Disconnection, Temperature Sensor Disconnection, Probe out Alarm



Air - Oxygen Blender

Oxygen Concentration Range: 21 -100%

Flow Meter Range: 4-15 LPM

Automatic Alarm in case of Input Pressure Failure

Electronic Air - Oxygen Blender (Optional)

Electronically Controlled Oxygen/
Air Blender with integrated SpO₂
measurement



TAURUS HEALTHCARE PVT. LTD.

(An ISO 13485 certified company)

B-5, Sector-59, Noida, Gautam Buddha Nagar, Uttar Pradesh-201301, India

Mobile : 9711203605, 9899966945 • Phone : 011-250707558

E-mail : aps087@gmail.com, jaspreet@taurushealthcareindia.com • Website : www.taurushealthcareindia.com

Document No. THC/V3/PM-01 Rev 3.0 Dated 01.04.2025