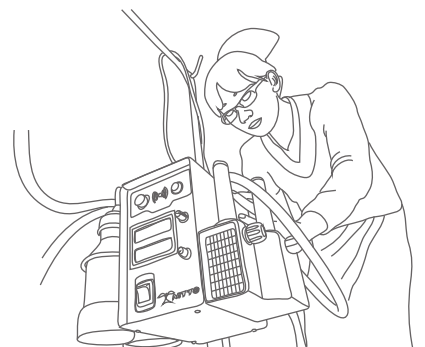
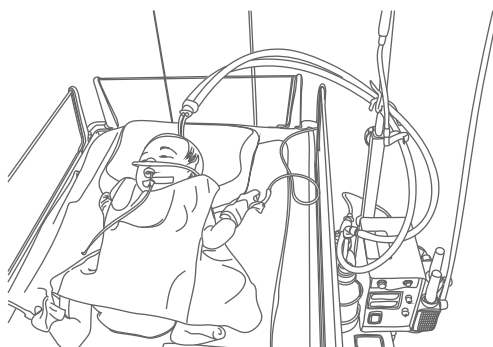
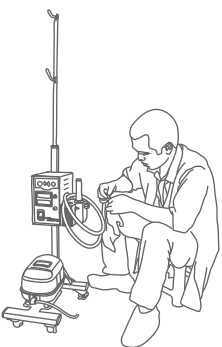




CPAP V3

A **bubble CPAP** machine for **newborns** requiring **respiratory support**.



Overview

- 100% reusable and cleanable; no disposable parts
- cost effective; easy installation and maintenance
- gas mixing, humidification, PEEP chamber, and air compressor included in one unit
- user manual and training video included

1. PEEP/CPAP

- easy, accurate adjustment

2. Gas Mixing

- highly visible oxygen and air rotameters to set gas flow rates
- FiO2 table for quick oxygen percentage calculation

3. Humidifier

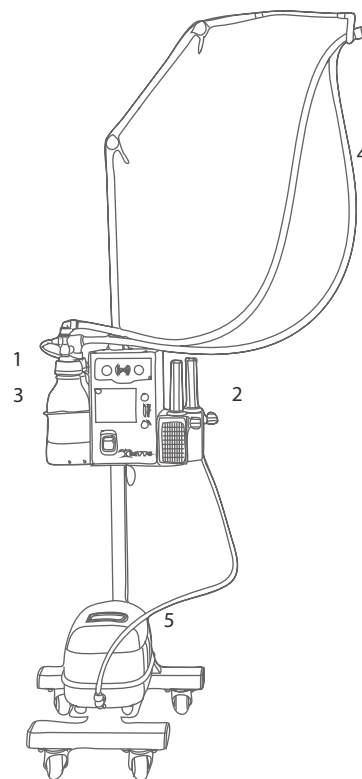
- humidifies gas stream to prevent drying of the airways
- user adjustable heater power for different operating environments

4. Patient Circuit

- reusable silicone breathing circuit
- pinch proof and kink resistant
- chemically disinfectable
- internal heater wire and temperature sensors included
- digital temperature sensor for accurate temperature control
- full PID temperature controller with advanced safety features

5. Air Compressor

- integrated air compressor to avoid need for an external air source
- combined power switch to turn CPAP and compressor on and off with one switch
- diaphragm type for clean, long lasting air supply



Dimensions and Weight

Height	140 cm
Width	43 cm
Weight	18.0 kg
Shipping Weight	21.4 kg

Performance Specifications

Tidal Volume	0.01 - 2.0 L
Lifetime	5 years
PEEP/CPAP	Type: Bubble Pressure Range: 0 to 10cm H2O
Gas Mixing	Type: 2 x Rotameter Oxygen Percentage / FiO2: 21 to 100% Flow Rate: 0 to 20LPM (Air: 0-10LPM, O2: 0-10LPM)
Air Compressor	Type: Diaphragm Power Supply: Integrated
Gas Supply	Oxygen Input Range: 0.1 to 90 psi Air Input Range (Optional): 0.1 to 90 psi
Humidifier	Type: Bubble-through
Patient Circuit	Type: Heated, Reusable Air Temperature: Adjustable - 35 to 39°C

Displays / Indicators

Set temperature.	Power indicator.
Set humidifier.	Sensor temperature.
Set oxygen/air flow.	Humidifier power level.
Control FiO2.	Sensor connected.

Requirements

Power Requirements	Voltage: 220V AC \pm 10% Frequency: 47 - 63 Hz Wattage: 210W maximum
Gas Requirements	Optional air compressor OR Air: 0.1 - 90 psi (50 0.1 - 90 psi (50 + - 10 nominal) Oxygen: 0.1 - 90 psi (50 0.1 - 90 psi (50 + - 10 nominal)
Agency Requirements	EN ISO 13485: 2003; IEC601 - 1: 2003

Ordering Information and Servicing

MAIN UNIT	ITEM ORDER NO
CPAP Unit	CP3-1000
SPARE PARTS AND CONSUMABLES	ITEM ORDER NO
Wash-bin	CP3-1010
Sterilisation Tablets	CP3-1011
Air Compressor	CP3-1020
Air Compressor Filter	CP3-1021
Air Compressor Diaphragm	CP3-1022
Humidifier Bottle	CP3-1031
PEEP Bottle	CP3-1020
Heater Wire Element	CP3-1040
Silicon Tubing	CP3-1050
MTTS Nasal Cannula - Size 0	CP3-1060
MTTS Nasal Cannula - Size 1	CP3-1061
MTTS Nasal Cannula - Size 2	CP3-1062
WARRANTY	
Standard Warranty	1 year Subject to MTTS policy



MEDICAL TECHNOLOGY TRANSFER AND SERVICES Co., LTD
EN ISO 13485: 2012 Certified Company

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