

TECHNICAL DATA SHEET

Mobile infant bubble CPAP ventilator with air compressor YSAV-5B-M2

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Introduction

Bubble CPAP is a special medical equipment for supporting of babies' breath which devised and manufactured based on the wide application of closed continuous NCPAP in department of pediatrics. It uses on the course of ventilation treatment of Nasal-CPAP for premature, neonate, infant to children below 14 year old. The mode of CPAP can reduce babies' work of breathing effectively, while keeping the autonomous respiration.

Features

1. Assemble the main machine, humidifier and the optional compressor together, to save space.
2. Inside the Air-oxygen Blender, and the FIO₂ is continuous and controllable.
3. Adjusting the oxygen concentration and the flow respectively.
4. It is easy to monitor the FIO₂, to ensure the safety of oxygen.
5. High accuracy of CPAP regulating, combine the system pressure monitor with safety valve to ensure the safety of patient.
6. The main machine does not need electric power, and match with support arm.
7. The optional compressor adopts imported pump, with little water and low noise.
8. Match with humidifier that controlled by electric or automatically, to ensure the best situation of humidifier.
9. The light and diversified tubes and rhinobyons reduce the patient's WOB; the convenient fixed device reduces the compressor of patient's head and face, and the injure of nasal septum.
10. It is applied to PIIUC, NICU, PICU and first aid room widely.

Technical parameter

Ventilation mode: CPAP mode

FIO₂: 21%~100%

Flow: 0~18LPM

CPAP adjustment: 0~1.0kPa(0~10cmH₂O)

Monitor

Pressure monitor: 0~2.5kPa(0~25kPa)

FIO₂: 21%~100%

Pressure safety valve: if the pressure in tubes over 1.5 times than adjusting parameter, the safety valve will open automatically.

Alarm

Differential alarm: differential pressure between 0.05MPa~0.12MPa, sound alarm.

Low battery alarm: when the voltage reduce to $6.8 \pm 0.5V$, LCD will alarm "LOW BATTERY".

Common parameter

Size: W*H*D 24.7cm*17.5cm*21cm

Weight: about 6KG

Gas-source: 0.3MPa~0.4MPa

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Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.