

## CPAP ventilator for infants ( BB.CPAP)



BB.CPAP is the first technology-assisted breathing device researched and developed in Vietnam, co-developed by a team of Vietnamese and American engineers. The machine has a long and wide history of use in Vietnam and has proven particularly effective in pediatric emergency resuscitation treatment at all used hospitals. Ease of use, ease of maintenance, high processing efficiency and especially the ability to integrate the Babystation multifunctional treatment complex are the outstanding features of BB.CPAP.



**BB.TIME**  
Appropriate Technology Medicine

# BABY'S HEALTH IS OUR HAPPINESS



## CONFIGURATION

- 01 Air mixing
- 01 Small portable air compressor
- 01 Humidifier
- 01 Pressure tank
- 01 Heat sensor wire
- 01 Heat conductive silicone wire
- 01 Control box
- 01 Set of 4 wheels and brackets

## SPECIFICATION

- Power: 40W
- Weight: The whole machine has a weight of 16 kg
- Tripod: Steel with 4 rubber wheels, diameter 50mm, stability  $\leq 40$  dB.
- Body and frame made of powder coated steel.
- 3.5 inch LCD and LED display screen
- Compressed air flow: 20 liters/minute (10 liters of air/minute, 10 liters of oxygen gas/minute)
- Automatic control mode: temperature
- Power source: On/off switch
- FiO : 21-100%  $\pm 5\%$
- Oxygen flow setting: From 1 to 21 liters/min  $\pm 5\%$
- Compressed air flow setting: From 1 to 20 liters/min  $\pm 5\%$
- Oxygen/air pressure tank: 0 - 10cm H<sub>2</sub>O
- Parameters of breathing air
  - Air: 0.1-90 psi (50 $\pm$ 10)
  - Oxy: 0.1-90 psi (50 $\pm$ 10)
- Maximum setting temperature: 39°C
- Maximum humidity: 75%
- Conduct gas into the accumulator: Silicon
- The parameters displayed on the control panel and the screen display the status of power, operation, alarm.
- Electricity supply: 220VAC  $\pm 20\%$ , 47- 63 Hz

## TECHNICAL FEATURES

- Used for babies and young children
- The whole system can be used many times
- Auto control mode
- Temperature control sensor
- Semiconductor relay for longer machine life