diamedica

Baby CPAP

a life saving respiratory solution for infants and children

Breathing life into vulnerable infants

Referred to as the 'miracle machine' by nurses

Saving lives around the world

An essential and effective respiratory solution

A cost effective choice

No need for external oxygen supply

CE 0088

designed and made in the UK

Diamedica's Baby CPAP is actively reducing infant mortality statistics

A simple to use, low cost, life-saving respiratory solution for preterm babies, neonates and infants

Baby
CPAP

Saving lives

- Diamedica's Baby CPAP is significantly reducing infant mortality rates in low resource settings

An asset, not a cost

- A completely self-contained unit, the Baby CPAP generates its own oxygen and medical air
- Inexpensive to run and no need for costly oxygen and air cylinders
- Delivers warmed, humidified air and oxygen to the patient

Simple and cost effective

- Designed for simplicity of use, low maintenance and easy servicing
- Users easily trained
- Clear oxygen/air mixing chart allows for easy setting of flow rates and oxygen concentration levels
- Mounted on castors making it quick and easy to transport between patients
- Built for durability

Quality

- Engineered and manufactured in the UK

Training and support

- Full training is available in use and maintenance
- Free technical support for the lifetime of the machine
- Each unit is supplied with a comprehensive user manual and training demonstration videos

Inspiratory and expiratory tubing

Neonate bonnets

Easy to use Velcro fixing straps and chin strap

Bubble pressure controller 1- 10cm H_2O

Oxygen flowmeter

Humidifier

Maximum pressure in the circuit is set by the bubble controller at a simple turn of a knob

Reusable silicone nasal prongs

Oxygen Concentrator, twin flowmeter for up to 5 l/min oxygen and 5 l/min air (10 l/min option available)

Air flowmeter

Water trap

Voltage protector

The Diamedica Baby CPAP comes equipped with:

- 1 Diamedica Baby CPAP unit
- 1 Bubble pressure bottle
- 2 Humidifier bottles
- 2 sets of inspiratory/expiratory tubes with connectors
- 2 Nasal cannula kits each containing: nasal tubing, 2 nasal prongs, 1 baby bonnet, Velcro fixing strap and chin strap (as per the image below)
- User/maintenance manual; spare parts lists and training videos

   Additional accessories can be purchased separately

Simple to use bonnet design

- Available in 4 sizes to accommodate different head sizes
- Elastic strap fixtures: reducing tube movement. No tube clips or sharp edges
- Open top design: to accommodate more head shapes
- Flexible tube placements: allows custom fit to the patient's head
- Hook & Loop Design: allows quick access to adjust CPAP interface
- Cotton fabric material

A voltage protector is fitted to all Baby CPAP machines, protecting the machine from unstable power surges.

See over for technical information ▶

CE Certified by an internationally recognised notified body

Baby CPAP

Specifications	Baby CPAP 10	Baby CPAP 20
Maximum blended gas flow	10 l/min	20 l/min
Oxygen flow capability	5 l/min	10 l/min
Air flow capability	5 l/min	10 l/min
Oxygen concentration	21% - 95%	21% - 95%
External compressed gas required	No	No
Pressure	1-10cm H_2O. Set by the bubble controller	1-10cm H_2O. Set by the bubble controller
Humidification	Yes	Yes
Inspiratory/Expiratory tubing	Adjustable. 2 sets included as standard. Autoclavable circuits optional	Adjustable. 2 sets included as standard. Autoclavable circuits optional
Neonate bonnets	4 sizes available, 2 included as standard	4 sizes available, 2 included as standard
Silicone nasal prongs	8 sizes available, 4 included as standard	8 sizes available, 4 included as standard
Velcro fixing straps and chin strap	Yes	Yes
Gas sample port and connector	Yes	Yes
Alarms	Power failure, low oxygen concentration, high & low pressure, no flow	Power failure, low oxygen concentration, high & low pressure, no flow
Mobility	4 antistatic castors	4 antistatic castors
Power	230V, 50Hz	240V, 50 Hz
Power consumption average	312 watts	670 watts
Dimensions	62 x 34 x 30cm	62 x 34 x 30cm
Weight	17kg	20kg
Voltage Protector	Yes	Yes

RAM Cannula option also available

- Soft, gently curved prongs designed for patient comfort
- For use with low/high flow oxygen
- Soft, curved prongs
- Available in 7 small, colour coded sizes
- 15 mm oxygen tubing adapter included

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