Diamedica's Baby CPAP is actively reducing infant mortality statistics

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
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.

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

Baby CPAP

Inspiratory and expiratory tubing
Neonate bonnets
Easy to use Velcro fixing straps and chin strap
Bubble pressure controller 1-10cm H2O
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.

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

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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

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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.

See over for technical information ▶
## Baby CPAP

### Specifications

<table>
<thead>
<tr>
<th></th>
<th>Baby CPAP 10</th>
<th>Baby CPAP 20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum blended gas flow</strong></td>
<td>10 l/min</td>
<td>20 l/min</td>
</tr>
<tr>
<td><strong>Oxygen flow capability</strong></td>
<td>5 l/min</td>
<td>10 l/min</td>
</tr>
<tr>
<td><strong>Air flow capability</strong></td>
<td>5 l/min</td>
<td>10 l/min</td>
</tr>
<tr>
<td><strong>Oxygen concentration</strong></td>
<td>21% - 95%</td>
<td>21% - 95%</td>
</tr>
<tr>
<td><strong>External compressed gas required</strong></td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Pressure</strong></td>
<td>1-10cm H₂O. Set by the bubble controller</td>
<td>1-10cm H₂O. Set by the bubble controller</td>
</tr>
<tr>
<td><strong>Humidification</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Inspiratory/Expiratory tubing</strong></td>
<td>Adjustable, 2 sets included as standard. Autoclavable circuits optional</td>
<td>Adjustable, 2 sets included as standard. Autoclavable circuits optional</td>
</tr>
<tr>
<td><strong>Neonate bonnets</strong></td>
<td>4 sizes available, 2 included as standard</td>
<td>4 sizes available, 2 included as standard</td>
</tr>
<tr>
<td><strong>Silicone nasal prongs</strong></td>
<td>8 sizes available, 4 included as standard</td>
<td>8 sizes available, 4 included as standard</td>
</tr>
<tr>
<td><strong>Velcro fixing straps and chin strap</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Gas sample port and connector</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Alarms</strong></td>
<td>Power failure, low oxygen concentration, high &amp; low pressure, no flow</td>
<td>Power failure, low oxygen concentration, high &amp; low pressure, no flow</td>
</tr>
<tr>
<td><strong>Mobility</strong></td>
<td>4 antistatic castors</td>
<td>4 antistatic castors</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>230V, 50Hz</td>
<td>240V, 50 Hz</td>
</tr>
<tr>
<td><strong>Power consumption average</strong></td>
<td>312 watts</td>
<td>670 watts</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>62 x 34 x 30cm</td>
<td>62 x 34 x 30cm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>17kg</td>
<td>20kg</td>
</tr>
<tr>
<td><strong>Voltage Protector</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### 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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