



diamedica

the market leader in anaesthetic equipment for challenging environments

Baby CPAP

The Diamedica Baby CPAP provides controllable, safe CPAP with minimal running costs for preterm babies, neonates and infants. No need for compressed gases.

The Diamedica baby CPAP has a bubble pressure controller. The pressure in the system is controlled by selecting the required setting on the top of the bubble container.

- Maximum gas flow is 16 lt/min
- Variable oxygen concentration 21% -95%
- No compressed gases required
- No need for an oxygen analyser (see chart overleaf)
- Additional humidifier
- Maximum pressure in the circuit is set by the bubble controller (see detail)



The Diamedica Baby CPAP is reliable, safe and economical:

- Gives maximum reliability, and is simple to use
- The running costs are very low
- Requires minimal power, the equivalent of running four 100w light bulbs
- The inspiratory and expiratory tubing is adjustable
- Includes velcro fixings straps and a chin strap
- Neonate bonnets are included
- It is robust and able to withstand extremes of temperature and humidity, making it suitable for use in the most challenging of environments

The Baby CPAP kits contains:

- Oxygen concentrator, twin flowmeter for 8 lt/min O₂ and 8 lt/min air
- Bubble pressure controller 1cm H₂O - 10cm H₂O
- Adjustable inspiratory and expiratory tubing (2 sets included)
- Silicone nasal prongs (7 sizes available - 4 included as standard)
- Neonate bonnets (two sizes included)
- Velcro fixing straps and chin strap
- Gas sample port and connector

continued

- An oxygen concentrator driven Baby CPAP for areas with limited resources where the cost of conventional CPAP is prohibitive
- This is a new and unique product that has been designed to save lives. In many cases there is no alternative
- No compressed gases required

Size: 39 x 44 x 84 cm
Weight: 26 kg



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Training and Support

Diamedica's commitment to our customers is:

- To provide, free of charge to all customers, ongoing after sales support via email or telephone for as long as the customer has their equipment
- To provide training for medical and technical personnel to enable them to maximise the potential of the equipment safely and economically



Oxygen / Air Mixing Chart											
		Air Flowmeter (lt/min)									
		0	1	2	3	4	5	6	7	8	
Oxygen Flowmeter (lt/min)	1	95.0	57.5	45.0	38.8	35.0	32.5	30.7	29.4	28.3	% Oxygen
	2	95.0	70.0	57.5	50.0	45.0	41.4	38.8	36.7	35.0	
	3	95.0	76.3	65.0	57.5	52.1	48.1	45.0	42.5	40.5	
	4	95.0	80.0	70.0	62.9	57.5	53.3	50.0	47.3	45.0	
	5	95.0	82.5	73.6	66.9	61.7	57.5	54.1	51.3	48.8	
	6	95.0	84.3	76.3	70.0	65.0	60.9	57.5	54.6	52.1	
	7	95.0	85.6	78.3	72.5	67.7	63.8	60.4	57.5	55.0	
	8	95.0	86.7	80.0	74.5	70.0	66.2	62.9	60.0	57.5	

Assuming an oxygen concentrator output of 95% oxygen

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