

iSleep 20+ with eAdapt

iSleep 20+ is an advanced high performance and sophisticated CPAP designed for easy use at home. Thanks to the unique eAdapt technology, the patient comfort is enhanced significantly.

In conventional CPAP mode, especially at higher pressure levels, some patients may find themselves struggling against the pressure level.

By adapting the expiratory pressure to the patient's inspiratory effort, eAdapt reduces the work of breathing, and gives a true sense of improved breathing comfort. As per physician's recommendations, eAdapt can be enabled either for the ramp duration only or for the entire night. With its 5 levels, eAdapt gives the patient the option to fit the iSleep 20+ therapy to his own preference.

The memory card capability allows for quick and easy download of long-term patient compliance data and detailed log.

The PC software does not only provide compliance reports but also the patient's AHI and features detailed view on flow, pressure and leakage data.

When not in use, the hose can either be easily disconnected or stored behind the unit making it look like a normal item on the nightstand. The design is adapted for use with a wide range of masks including the iMask.

The lightweight design and the built-in carrying handle make it easy to take with you when travelling. The power adapter enables operation in any corner of the world. It can even be powered from a car or recreational vehicle when enjoying an active everyday life.



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- Now also with eAdapt for improved patient comfort
 - Designed for Home
 - Small footprint even with the integrated humidifier attached
 - Enhanced User Interface yet extremely easy to use with big buttons
 - Large backlit graphical display with built-in alarm clock
 - Designed for travelling; world wide mains power compatibility and DC power options
 - Rear hose swivel connection
 - Designed for a wide range of masks
 - Power failure restart function
 - Extremely low noise
 - Unique snooze function
 - Comprehensive yet easy to use PC Software with remote control capability
 - Detailed patient log
 - Memory card capability
 - Integrated AHI and leakage calculation
 - Enhanced pressure stability

Technical Specifications

Settings/Performances	
Devices mode	<ul style="list-style-type: none"> • Clinical • Home
CPAP	4 to 20 cmH ₂ O
Integrated Humidifier	1 to 9
Maximum flow	> 125 litres/min at 1/3 of max pressure: 108 litres/min at 2/3 of max pressure: 132 litres/min at max pressure: 132 litres/min
Maximum limited pressure during single fault condition	30 cmH ₂ O
Breathing resistance under single fault condition	0.9 cmH ₂ O at 30 litres/min 3.2 cmH ₂ O at 60 litres/min
eAdapt	Pressure relief during exhalation 5 levels limited to 4 cmH ₂ O below set CPAP pressure
Digital output	Yes
Sound level at 10 cmH ₂ O	Less than 28 dB(A)

Indications	
Internal function failure	Message on the display
Power failure indication	Message on the display

Power Supplies	
Mains supply	100 to 240 V AC
External DC supply	24 V DC, 12V adapter available

Dimensions	
W x H x D	173 x 172 x 201 mm (with humidifier HA 20)
Weight	1.9 kg
Air outlet	22 mm conical standard connector

Operating Conditions	
Recommended mask leakage	20 to 40 litres/min at 10 cmH ₂ O
Minimum mask leakage	12 litres/min at 4 cmH ₂ O

Breas Medical AB reserves the right to make changes to the contents of this Product Specification without any prior notification. August 2009.



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