

iSleep 20i

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iSleep 20i is an advanced high performance self-adjusting CPAP that predictively identifies and treats obstructed breathing at a reduced mean pressure level compared to conventional CPAP. The iSleep 20i uses a patented advanced signal processing technique to detect various breathing patterns in order to provide the appropriate treatment.

The optional iSleep PC Software displays pressure, flow, leakage and any abnormal breathing as waveforms on the screen and in the reports. It also displays a histogram of pressure levels as well as an index of abnormal respiration, as a percentage of total therapeutic time (ARDI). It provides a compliance report and full disclosure therapy report with the patient's AHI, pressure, flow and leakage data.

The memory card capability allows for quick and easy download of long-term patient compliance data and detailed log. The 'truly' integrated heated humidifier provides adjustable upper airway's humidification for increased compliance.

The upright and stable design of the iSleep 20i takes a minimum space on the nightstand and suits perfectly in any bedroom. The hose connection in the rear makes it look like a normal item on the nightstand.

The lightweight design and the built-in carrying handle makes travelling easy. The universal power supply 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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- Self-adjusting pressure through patented iTechnology
 - Comprehensive yet easy to use PC software with remote control capability
 - Detailed patient log displaying abnormal breathing
 - Memory card capability
 - Integrated AHI and leakage calculation
 - Enhanced User Interface yet extremely easy 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
 - Small footprint even with the integrated humidifier attached
 - Designed for home

Technical Specifications

Settings/Performances	
Device modes	<ul style="list-style-type: none"> • Clinical • Home
Therapeutical modes	<ul style="list-style-type: none"> • iMode (self-adjusting) • CPAP
Pressure settings	4 to 20 cmH ₂ O (CPAP mode) Min pressure setting (Pmin) : 4 cmH ₂ O to Pmin Max pressure setting (Pmax): Pmin to 20 cmH ₂ O
Ramp time	5 to 60 min The iSleep 20i is an advanced high performance self-adjusting CPAP that predictively identifies and treats obstructed breathing at a reduced mean pressure level compared to conventional CPAP
Ramp start pressure	4 cmH ₂ O to Pmin
Integrated heated humidifier	1 to 9
Maximum flow	6.7 cmH ₂ O: 108 litres/min 13.3 cmH ₂ O: 132 litres/min 20 cmH ₂ O: 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
Digital output	Serial communication (RJ45)
Sound level at 10 cmH ₂ O	Less than 28 dB(A)

Indications		Power Supplies	
Internal function failure	Message on the display	Mains supply	100 to 240 V AC
		External DC supply	24 V DC, 12V adapter available
		Standby power	3 W
Dimensions		Operating Conditions	
W x H x D	173 x 172 x 201 mm (with humidifier HA 20)	Recommended mask leakage	20 to 40 litres/min at 10 cmH ₂ O
Weight	1,9 kg	Minimum mask leakage	12 litres/min at 4 cmH ₂ O
Air outlet	22 mm conical standard connector		

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Hitwin Healthcare Pvt. Ltd.
7/10, Jaganathan Nagar 2nd Main Road,
Arumbakkam, Chennai, India - 600106.
Ph: 91 44 4684 5555 (20 Lines), 91 44 4233 3313
Mob: 91 93441 66778

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Breas Medical AB · Företagsvägen 1 · SE-435 33 Mölnlycke · Sweden
Phone +46 31 86 88 00 · Fax +46 31 86 88 10 · www.breas.com