

## iSleep 20i

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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	
Devices modes	<ul style="list-style-type: none"> <li>• Clinical</li> <li>• Home</li> </ul>
Therapeutical modes	<ul style="list-style-type: none"> <li>• iMode (self-adjusting)</li> <li>• CPAP</li> </ul>
Pressure settings	4 to 20 cmH <sub>2</sub> O (CPAP mode) Min pressure setting (Pmin) : 4 cmH <sub>2</sub> O to Pmin Max pressure setting (Pmax): Pmin to 20 cmH <sub>2</sub> 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 <sub>2</sub> O to Pmin
Integrated heated humidifier	1 to 9
Maximum flow	6.7 cmH <sub>2</sub> O: 108 l/min 13.3 cmH <sub>2</sub> O: 132 l/min 20 cmH <sub>2</sub> O: 132 l/min
Maximum limited pressure during single fault condition	30 cmH <sub>2</sub> O
Breathing resistance under single fault condition	0.9 cmH <sub>2</sub> O at 30 l/min 3.2 cmH <sub>2</sub> O at 60 l/min
Digital output	Serial communication (RJ45)
Sound level at 10 cmH <sub>2</sub> 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 <sub>2</sub> O
Weight	1,9 kg	Minimum mask leakage	12 litres/min at 4 cmH <sub>2</sub> O
Air outlet	22 mm conical standard connector		

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

**BREAS**  
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