

BiliTouch™ Phototherapy Blanket



The Motif BiliTouch™ phototherapy blanket is a phototherapy device designed by healthcare professionals to treat newborn infants diagnosed with jaundice (hyperbilirubinemia).

This portable, convenient phototherapy treatment device allows your patients to continue to hold, feed, and care for their baby while reducing high bilirubin levels at home.

Specifications

ELECTRICAL SPECIFICATIONS		
Power Adapter	Input : (100 to 240) V~, 50/60 Hz, 500 mA Output : 15 Vdc, 1.2 A	
Rechargeable Battery	11.1 V Li-ion Polymer 4000 mAh	
	Operation time: 10 hours	Charging time: 4 hours

ENVIRONMENTAL CONDITION		
Operation	Operating Temperature	15 °C to 30 °C (59 °F to 86 °F)
	Operating Humidity (R.H.)	5% to 85% non-condensing
	Atmospheric Pressure	70 kPa to 106 kPa
Storage and Transport (w/ hard shell case)	Operating Temperature	20 °C to 60 °C (-4 °F to 140 °F)
	Operating Humidity (R.H.)	0% to 95% non-condensing
	Atmospheric Pressure	70 kPa to 106 kPa

PERFORMANCE SPECIFICATIONS		
Low Intensity (w/ disposable cover on)	30±10 uW/cm ² /nm	The basis for this determination is that the recommended minimum amount of light for decomposition of bilirubin is 30 uW/ cm ² /nm and the maximum amount of light is 60 uW/ cm ² /nm.
High Intensity (w/ disposable cover on)	60±10 uW/cm ² /nm	
Peak Wavelength	455 to 465 nm	
Sounds Levels	Whisper quiet	
Alarm Level	43+/-1 dB	
X-ray Compatible	No	
LED Estimated Life	30,000 Hours	

OPERATION MODE	
Normal Mode	The light pad is on and operates continuously
Timer Mode	<p>*The device operates in timer mode. The light pad is on when there are more than 0 minutes on the timer. When the timer reaches 0 minutes, the light pad turns off.</p> <p>*The maximum setting time is 24 hours.</p> <p>*The light pad automatically turns off after 24 hours.</p>

DIMENSIONS AND WEIGHT	SIZE	WEIGHT
Control Box	3.35 in x 7.28 in x 0.98 in	0.79 lbs
Light Pad	4.84 in x 18.07 in x 0.47 in	1.12 lbs

REGULATORY STANDARDS		
<ul style="list-style-type: none"> • ANSI AAMI ES60601-1:2005/(R)2012 and A1:2012 • IEC 60601-1-6:2010+AMD1:2013 • IEC 60601-1-8:2006 + AMD1:2012 	<ul style="list-style-type: none"> • IEC 60601-1-11:2015 • IEC 60601-2-50:2009+AMD1:2016 • IEC 60601-1-2:2014 	<ul style="list-style-type: none"> • ISO 10993-1:2009 • ISO 10993-5:2009 • ISO 10993-10:2010