



Bililed Maxi+ and Bililed Mini+

Overhead Phototherapy System





Bililed Maxi+ and Bililed Mini+ high-intensity phototherapy devices are designed for the treatment of newborns with high bilirubin levels. With 50,000 hours of LED lamp life and an extended effective surface area, Bililed Maxi+ and Bililed Mini+ maximize neonatal bilirubin breakdown by operating at full performance with the latest technology.

Bililed Maxi+ and Bililed Mini+ provide high efficiency in jaundice treatment; the Bililed Mini+ achieves this with its miniature design.



Bililed Maxi+



Bililed Mini+

Cost Effective Light Technology

Bililed Maxi+ and Bililed Mini+ are developed with LED tubes that have a lifespan of 50,000 hours. In addition to its effectiveness in the treatment of jaundice, it provides an advantage in lamp replacement cost.

User Friendly Design

The 2.5 inches monicolor LCD display of Bililed Maxi+ and Bililed Mini+ provide clinicians to start and control the therapy time and light intensity.





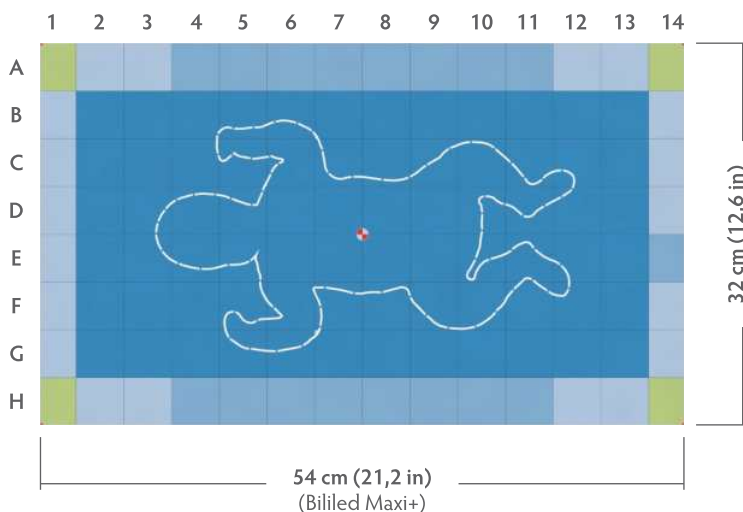
Adjustable Light Intensity

There is a direct relationship between light intensity and the rate of total bilirubin concentration decrease. Bililed Maxi+ and Bililed Mini+ allow the light intensity required by the patient to be adjusted by clinicians at 5 different levels during treatment.

Bililed Maxi+ ensures more than $70 \mu\text{W}/\text{cm}^2/\text{nm}$ (5 levels) irradiance at 35 cm distance with 16 pieces super LEDs.

Bililed Mini+ provides more than $40 \mu\text{W}/\text{cm}^2/\text{nm}$ spectral irradiance at 35 cm distance and this intensity level meets the requirements for intensive phototherapy as stated by AAP* guidelines.

"The American Academy of Pediatrics recommends that the irradiance for intensive phototherapy be at least $30 \mu\text{W}/\text{cm}^2/\text{nm}$."



Optimum Wavelength

Bililed Maxi+ emits light between 440-460 nm thanks to its 16 blue super LEDs, capturing the most effective wavelength for the treatment of jaundice.

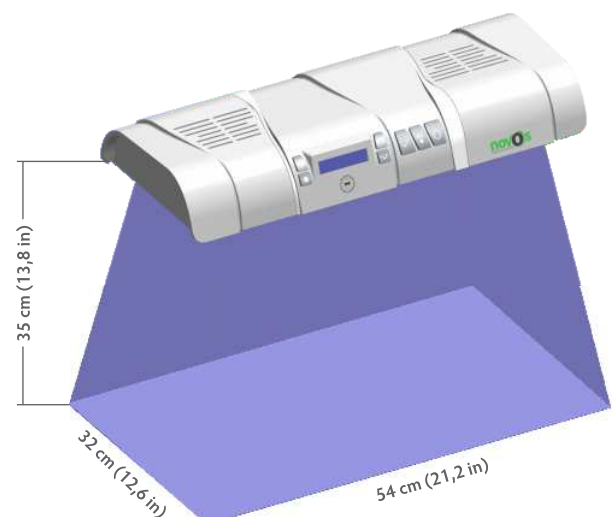
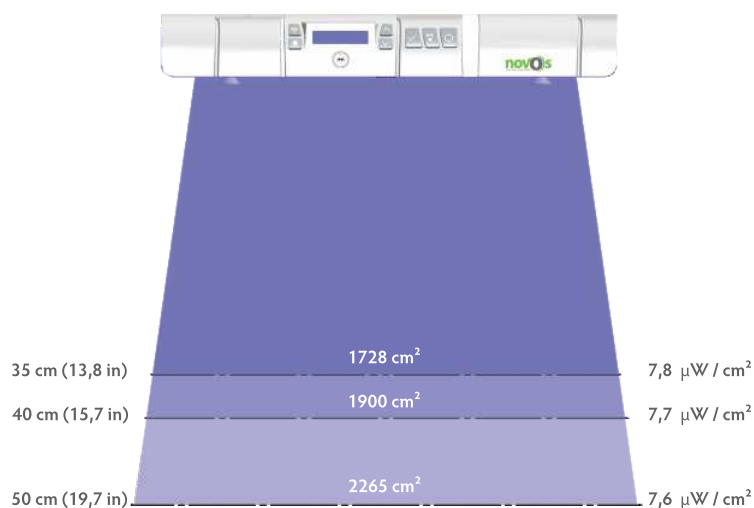
Bililed Mini+ uses 4 blue super LEDs to emit light within the 440-460 nm range, providing the ideal wavelength for effective jaundice treatment.

Examination Lamp

Bililed Maxi+ offers 4 powerful examination lamps and it supports full examination of the newborn at 5 levels of light intensity.

Bililed Mini+ has 2 powerful examination lamps, providing comprehensive newborn assessments with 5 adjustable levels of light intensity.

1. Level: $>25 \mu\text{W} / \text{cm}^2 / \text{nm}$
2. Level: $>35 \mu\text{W} / \text{cm}^2 / \text{nm}$
3. Level: $>40 \mu\text{W} / \text{cm}^2 / \text{nm}$
4. Level: $>50 \mu\text{W} / \text{cm}^2 / \text{nm}$
5. Level: $>70 \mu\text{W} / \text{cm}^2 / \text{nm}$



Surface Area of Bililed Maxi+



Homogenous Light Distribution & Extended Effective Surface Area

Bililed Maxi+ and Bililed Mini+ provide uniform light distribution across the entire body surface of the newborn.

Optional Mobile Stand

The optional mobile stand of Bililed Maxi+ and Bililed Mini+, 4 wheels with 2 brakes and hydraulic height adjustment provide stability, easy maneuverability and comfort during use.

Multifunctional Usage

Thanks to suction cups, Bililed Maxi+ and Bililed Mini+ can be placed directly on top of KI 1000 Infant Incubator's canopy without mobile stand. Bililed Mini+ can be integrated to the KR 1000 Infant Radiant Warmer with flexible connection arm.





Technical Specifications

Dimensions

	Bililed Maxi+	Bililed Mini+
Width	528,5 mm	300 mm
Depth	224 mm	168 mm
Height	82 mm	82 mm
Mobile Stand Height (min-max)	1008–1721 mm	1008 - 1719 mm

Characteristics

Screen	2.5 inches monocolor LCD	2.5 inches monocolor LCD
Lamp Type	16 pcs Blue Super LED lamps	4 pcs Blue Super LED lamps
Examination Lamps	4 pcs White LED lamps	2 pcs white LED
Lamp Lifetime	50.000 hours	50.000 hours
Intensity (Measured at 35 cm distance.)	5. Level : $>70\mu\text{W}/\text{cm}^2/\text{nm}$ 4. Level: $>50\mu\text{W}/\text{cm}^2/\text{nm}$ 3. Level: $>40\mu\text{W}/\text{cm}^2/\text{nm}$ 2. Level: $>35\mu\text{W}/\text{cm}^2/\text{nm}$ 1. Level: $>25\mu\text{W}/\text{cm}^2/\text{nm}$	5. Level : $>40\mu\text{W}/\text{cm}^2/\text{nm}$ 4. Level: $>30\mu\text{W}/\text{cm}^2/\text{nm}$ 3. Level: $>25\mu\text{W}/\text{cm}^2/\text{nm}$ 2. Level: $>20\mu\text{W}/\text{cm}^2/\text{nm}$ 1. Level: $>15\mu\text{W}/\text{cm}^2/\text{nm}$
Wavelength	440–460 nm	440–460 nm
Languages	English, French, Spanish	English, French, Spanish
Focus Led	Available	Available
Lamp Intensity Level	5 levels	5 levels
Examination Lamp Intensity Level	5 levels	5 levels
Reset Led Module Runtime	Available	Available
Noise Level	< 10 dBA	< 10 dBA
Effective Surface Area	54 x 32 cm	26,3 x 23,1 cm

Electrical Specifications

Supply Voltage	100-240 VAC, 0.65 A AC / 24V DC, 1.1 A DC	100-240 VAC, 0.2A AC / 12V DC, 0.7A DC
Supply Frequency	50 – 60 Hz	50 – 60 Hz
Power Adapter	24VDC , 1.5A	24VDC , 1.5A

Environmental Requirements

Operating Temperature Range	20 °C – 30 °C	20 °C – 30 °C
Storage Temperature Range	(-20) °C – 60 °C	(-20) °C – 60 °C
Operating Humidity Range	5 – 95 %RH, non-condensing	5 – 95 %RH, non-condensing
Storage Humidity Range	5 – 95 %RH, non-condensing	5 – 95 %RH, non-condensing

Standard Accessories

Power Adapter
Eye Protection Mask Small
Eye Protection Mask Medium
Eye Protection Mask Large
User Manual

Optional Features

Mobile Stand

Spare Parts & Consumables

LED Lamp Unit
Eye Protection Mask Small
Eye Protection Mask Medium
Eye Protection Mask Large



We Save your Precious

Proven Quality and 100% customer satisfaction.

Having a very strict quality policy brought us 100% customer satisfaction. Novos will continue to design and manufacture high quality products for **neonatal** care ; all you have to do is just focusing on your **precious**.

Novos Medical Systems reserves the right to make changes without notice in design, specifications and models.

The Quality Management System at Novos Medical Systems is certified according to ISO 13485 and products certified in accordance with Medical Device Directive (93/42/EEC)

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