

Technical Specifications

Dimensions

Width	45 cm
Depth	19 cm
Height	8,5 cm
Mobile Stand	105 cm - 155 cm
Weight, approx.	3 kg for main unit 14 kg for mobile stand

Characteristics

Skin Temp. Display	+20°C to +45°C
Noise Level	< 30dBA
Screen	5 inches LCD
Lamp Type	24 pcs Blue Super LED and 4 pcs Examination Lamps
Lamp Life time	20.000 hours
Intensity	120µw /cm ² /nm
Spectral Irradiance	420-480 nm. (±2)
Effective Irradiance Area	50 cm x 25 cm

Electrical Specifications

Voltage	220V. ± 010,50 Hz.
	type BF, Class 2
Fuse	3A
SMPS	12 V - 4,2 A

Alarms

High Skin Temp. Alarm	+1C°
Low Skin Temp. Alarm	-1C°
Skin Probe Failure	
Therapy Ended Alarm	
Lamp Usage Time	

Environmental Requirements

Operating Temperature Range	+23°C to +27°C
Storage Temperature Range	(-20)°C to +50°C
Operating Humidity Range	5 % to 99 RH, non-condensing
Storage Humidity Range	0 % to 99 RH, non-condensing

Order List

033 000	Bililed Maxi
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Optionals

100 020	Eye protection mask small
100 021	Eye protection mask medium
100 022	Eye protection mask large



We save your precious



Bililed Maxi

One step forward in overhead phototherapy systems:
super LED technology + advanced monitoring



Proven quality and 100% customer satisfaction

Having a very strict quality policy brought us 100 percent customer satisfaction. Novos will continue to design and manufacture high quality products for newborn care; all you have to do is just focus on your patients.

● NOVOS Medical 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 product is certified in accordance with Medical Device Directive (93/42/EEC)



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Novos offers you an advanced phototherapy treatment with the state of art super LEDs and continuous skin temperature, therapy time, lamp time monitoring.

Meets all requirements of AAP Guidelines for an effective phototherapy treatment

Optimum wavelength

Blue Super LED used in Bililed Maxi emits light between 420-480 nm region and this makes our system most effective for treating hyperbilirubinemia.



Optimal body surface area

High technology 24 pcs super LEDs in Bililed Maxi offers an unprecedented illuminated area. Effective surface area covers whole body of newborn from head to toe even for the active, term newborns. Red target light helps you to center the light over baby.



High intensity

For phototherapy treatment, there is a direct relationship between light intensity and the rate of total bilirubin concentration decrease. Bililed Maxi ensures $120\mu\text{W}/\text{cm}^2/\text{nm}$ irradiance at 35 cm distance with 24 pcs super LEDs. You can adjust light intensity at 5 different levels according to each patient's needs.

Functional design brings flexibility for caregivers

Bililed Maxi can be easily used in all fields, neonatology, nursery or at home. You can place the unit over a baby cradle, infant warmer, or directly on an incubator. Easy to move mobile stand is height adjustable and the main head unit can be tilted for use in different angles. Clinician can switch on white LED lamps from a separate switch placed on lamp unit of Bililed Maxi for easy observation of baby.



Bililed Maxi changes the standards of phototherapy treatment

Everything is on LCD display for excellent therapy follow-up

Bililed Maxi offers more benefits than many other overhead phototherapy equipment in the market. In combination with an easy to use microprocessor control unit and 5 inch LCD display, it assists you with the display of all necessary information like skin temperature, therapy time, lamp time and intensity level.



Cost efficiency and safety with super LEDs

Super LED technology has many advantages compared to conventional fluorescent type lamps. Lamp changing in every 2000 hours is a time consuming and expensive process for fluorescent lamps. Super LEDs ensures no IV or UV, no heat generation, low power consumption, high intensity and long life time with 20.000 hours.

