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# Bililed Maxi+

Overhead Phototherapy System





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Novos offers a new advanced phototherapy with 50,000 hours of LED lifetime and extended effective surface area. NOVOS Bililed Maxi+ high intensity phototherapy treats infants with hyperbilirubinemia with its excellent performance.

**Optimum Wavelength**

Blue Super LEDs used in Bililed Maxi+ emits light between 440–460nm region thus bilirubin breakdown is maximized with the most effective wavelength range for jaundice treatment. (Neonatal hyperbilirubinaemia, A. Ramachandran, Paediatrics And Child Health, 2016.)

**Examination Lamp**

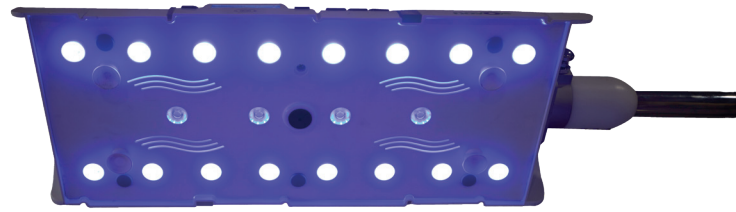
Powerful examination lamps provide full visibility of the newborn and also vantage points provide stabilization on the top of infant incubator canopy

**Uniform Light Distribution**

16 pcs super LEDs in Bililed Maxi+ provides uniform light distribution over the infants whole body surface area.



Examination Lamp



Super LEDs of Bililed Maxi+

**User Friendly Design**

Bililed Maxi+ has an ergonomic design with its detachable and lightweight head unit and functional mobile stand.

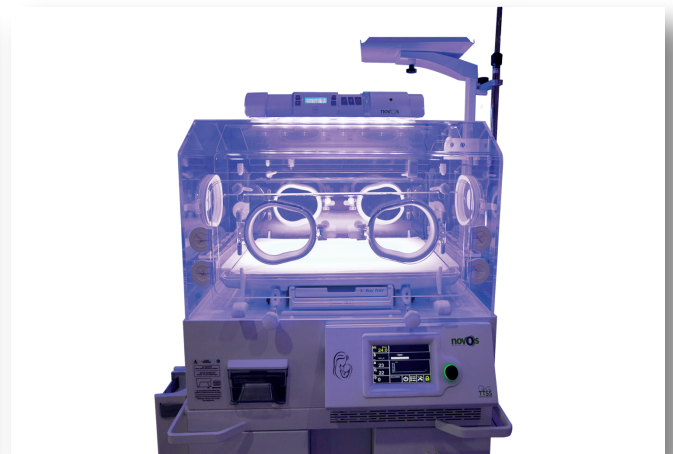
- Adjustable head
- Easy maneuverability of casters

**Extended Effective Surface Area**

Bililed Maxi provides an extended effective surface area to cover whole body surface of even most physically active infants.



Bililed Maxi+ with KI 1000



Surface Area of Bililed Maxi+



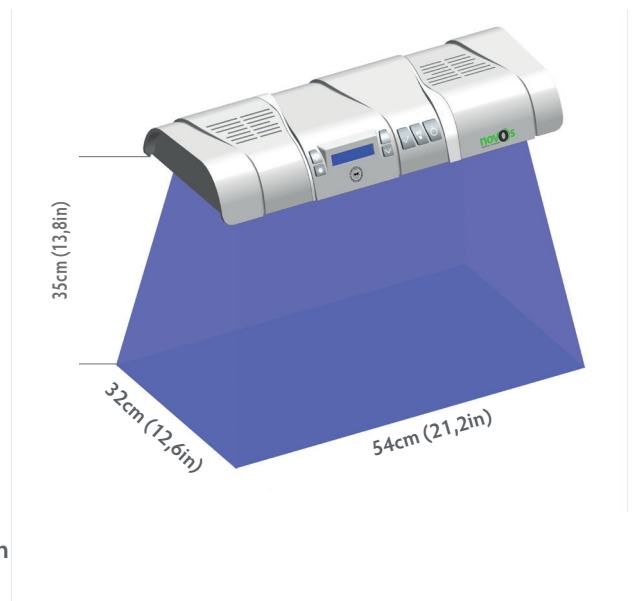
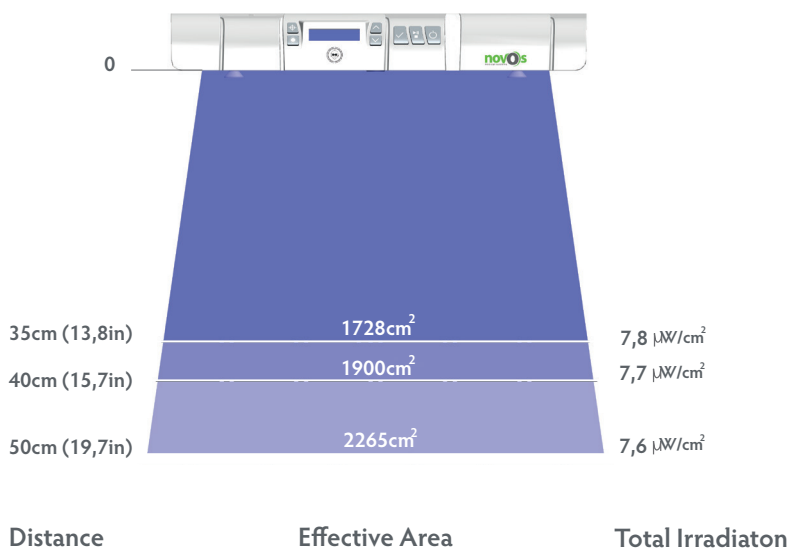
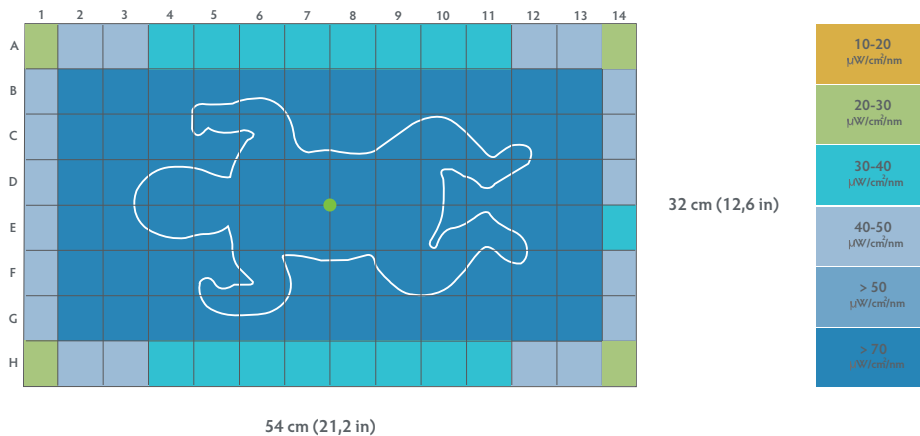
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### Jaundice Treatment with Adjustable Light Intensity

For phototherapy treatment, there is a direct relationship between light intensity and the rate of total bilirubin concentration decrease. Biled Maxi+ ensures more than  $70 \mu\text{W}/\text{cm}^2/\text{nm}$  (5 levels) irradiance at 35 cm distance with 16 pcs super LEDs. Light intensity is adjustable at 5 different levels according to each patient's need. (Neonatal hyperbilirubinaemia, A. Ramachandran, Paediatrics And Child Health, 2016)

### Surface Area of Biled Maxi+





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### Bililed Maxi+ with Mobile Stand

Hydraulic height adjustment, casters with brakes, detachable and lightweight head unit provide durable, easy maneuverability and great convenience during the usage.



### Cost Effective Light Technology

Bililed Maxi+ LED ensures **50.000 hours** of operation which is 25 times longer than conventional fluorescent tubes. Replacement costs are apparently decreased on Bililed Maxi+.



2.5 inches monochrome LCD



## Technical Specifications

### Dimensions

Width _____	224 mm
Depth _____	82 mm
Height _____	528.5 mm
Mobile Stand Height (min-max)	1008–1721 mm

### Characteristics

Screen _____	2.5 inches monocolor LCD
Lamp Type _____	16 pcs Blue Super LED lamps
Examination Lamps _____	4 pcs White LED lamps
Lamp Life Time _____	50.000 hours
Intensity _____	35–110 $\mu\text{W}/\text{cm}^2/\text{nm}$ (adjustable 5 levels)
Wavelength _____	440–460 nm
Effective Irradiance Area _____	54 x 32 cm
Supply Voltage _____	100–240 VAC
Power Adapter _____	24VDC , 1.5A

### Environmental Requirements

Operating Temperature Range	+20°C to +30°C
Storage Temperature Range	-20°C to +60°C
Operating Humidity Range	5 % to 95 % RH, non-condensing
Storage Humidity Range	5 % to 95 % RH, non-condensing

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 focusing 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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### Order List / Standart Accessories

Bililed Maxi+  
Power Adapter  
Eye protection mask small  
Eye protection mask medium  
Eye protection mask large  
Vantouse  
User Manual

### Optional

Mobile Stand  
Eye protection mask small  
Eye protection mask medium  
Eye protection mask large