

# MediLED

Innovation of Light



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# MediLED

A product tailored for customers needs

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Medix has developed MediLED, the new LED phototherapy device. Its innovative features ensure a quick, simple and effective solution for the treatment of neonatal jaundice.

MediLED is a High Intensity, Long Life span, and Cold Light device. Its state-of-the-art technology reduces the treatment and hospitalisation periods.

It can be used in all fields: Neonatology, Paediatrics, Nursery and Home Care.






Cold Light

Compact and versatile, thus enabling its use in Incubators, Infant Warmers and Bassinets.

# Innovation of Light



Effective surface area covers whole baby body

## High Intensity

- We offer the best technology in LED phototherapy. MediLED offers high intensity,  $40 \mu\text{W}\cdot\text{cm}^2/\text{nm}$  within a wavelength of 450 to 470 nm.
- MediLED has a Regulating System that allows the adjustment of the LED intensity.

## Long Lifespan

- MediLED is a highly reliable device, since it benefits Health Institutions, practitioners and patients alike by providing a long useful life and high endurance LED's.

## Large Effective Surface Area

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- MediLED has an effective area that covers the entire infant's body.

## Comfortable and Easy to Use

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- MediLED is very easy to use. Its smooth operation ensures an appropriate use for the treatment of hyperbilirubinemia.
- Our equipment is compact and versatile, thus enabling its use in Incubators, Infant Warmers and all sorts of Bassinets.
- Our innovation of light is a silent device. It offers comfortable treatment allowing patient and family to rest peacefully.

## Enhanced Protection and Safety

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- MediLED does not emit significant ultraviolet or infrared radiation. It prevents overheating of the newborn, risk of fluid loss and potential skin damage.
- We deliver two Light Covers with our device. They concentrate light in the treatment area so that it is not perceived in the surroundings, allowing a comfortable environment during operation.

## Be in Control

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- MediLED provides an accurate operation control. It has a resettable Treatment Timer and a Device Timer that tracks the useful life of the lamp.
- MediLED's Cold Light allows the unit to be placed at a minimum distance from the patient without transferring any heat. This enables faster reduction in bilirubin levels.
- White-Light Examination allows the operator to verify the patient's actual skin colour.

## Lower Costs - Higher Benefits

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- MediLED significantly reduces the direct and indirect costs of the treatment and of the use of the device. The device's high intensity reduces the treatment and hospitalisation periods.



## Technical Specifications

### Intensity

>40 $\mu$ W/cm<sup>2</sup>/nm at 40 cm height

### Wavelength

450 to 470 nm

### Effective Surface Area

40 x 21 at 40 cm height

### Dimensions

#### Height

113 (min) – 155 (max) cm

#### Depth

72 cm

#### Width

46.5 cm

#### Weight

20 kg

Code	Description
MediLED 11A	LED Phototherapy MediLED 110V
MediLED 21A	LED Phototherapy MediLED 240V



# MediLED meets the American Academy of Pediatrics (AAP) Guidelines for intensive phototherapy\*.

\*Subcommittee of hyperbilirubinemia American Academy of Pediatrics clinical practice Guideline: Management of Hyperbilirubinemia in the newborn infant 35 or more weeks of gestation Paediatrics 2004; 114(1):297-316



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