

Phototherapy Unit

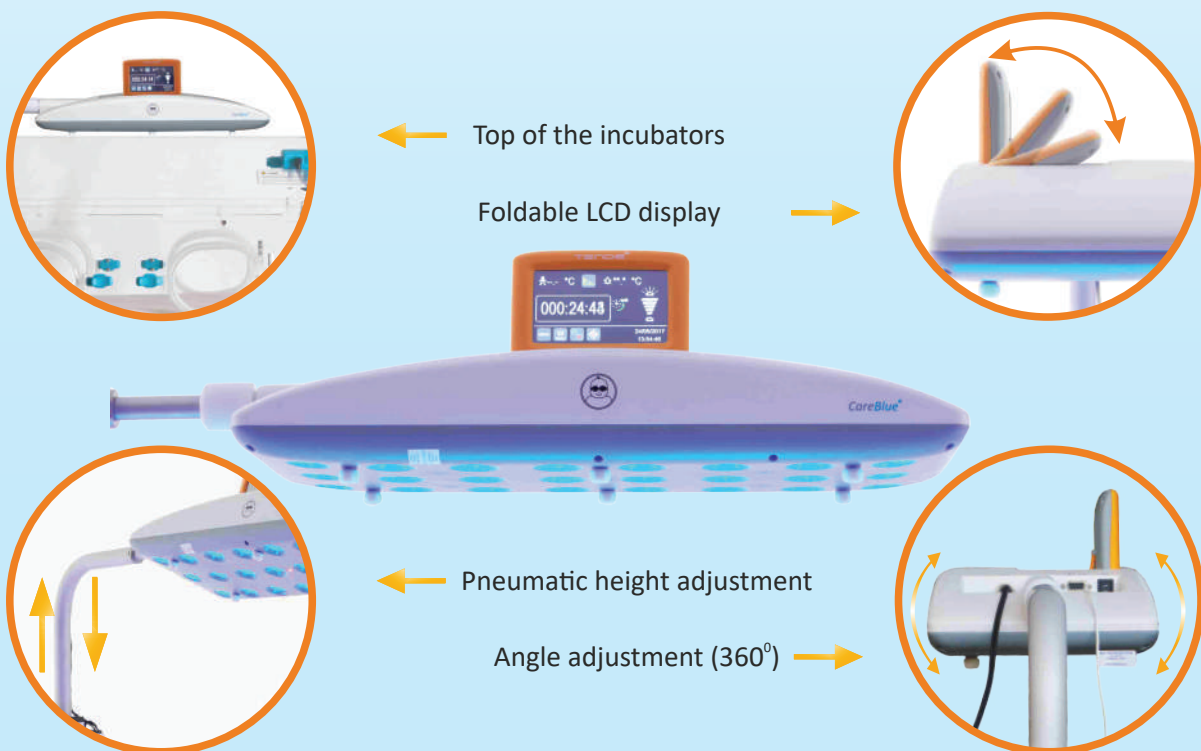


LED Phototherapy Device for Neonates

Intensive phototherapy unit with its powerful LED lights provide treatment for neonatal hyperbilirubinemia

Features

- LED Phototherapy unit, designed for infants
- Compatible with baby incubators, infant warmers and bassinets
- High density light power with fan free LED technology
- Easy to use, user interface with color TFT touch screen
- Quick treatment start and stop
- Programmable treatment duration and resetting
- 5 Levels of light intensity
- Targeting light feature (Red light)
- Turkish / English / German / Italian language options
- LED life time counter
- Easy to use pneumatic height adjustment
- Horizontal angle adjustment (360°)
- End of treatment warning and auto stop
- Durable, reliable, sophisticated stand unit
- Low power consumption
- White LED examination lamp feature (Optional)
- Skin temperature measurement feature (Optional)



Technical Specifications

LIGHT SOURCE

Light Source	Blue LED (24 pcs, Super Bright LED)
Wavelength	460nm (± 2%)
Light Intensity (Standard)	Max. 60 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%) Min. 15 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%) (From 40 cm)
Intensive Light Intensity (Optional)	Max. 120 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%) Min. 30 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%) (From 40 cm)
Effective Area	45 cm x 20 cm (From 40 cm)
LED Life Time	> 70,000 Hours (Check the user manual for technical details)

ELECTRICAL SPECIFICATIONS

Operating Voltage	~80 - 264 VAC 50 /60 Hz (MDD Class/Safety)
Power Consumption	80 VA, Max 45 W

ENVIRONMENTAL REQUIREMENTS

Operating Temperature	15°C to 40°C
Operating R.Humidity	< 90%
Storage Temperature	~ -20°C to +50°C
Storage R. Humidity	< 90%

GENERAL

LCD Graphic Display	4.3 inch Color TFT Touch Screen
Dimensions L W H (Therapy Module)	~ 52.2 cm x 20.6 cm x 9.3 cm
Wheels	2/3 With Breaks
Height Adjustment	110 cm - 154 cm (± 2%)
Tilt Adjustment (with stand unit)	Yes
Wheel Height	~ 6,3 cm
Weight	~ 2.5 Kg (9.2 Kg With Stand Unit) (± 1%)

APPLICATION

Treatment Time Adjustment	Yes (Hours and Minutes hhh:mm)
Visual Alarms	Yes
Audible Alarms	Yes
Light Intensity	5 Levels
Date & Time Display	Yes
LED Life Counter	Yes (Individual Level and Total LED Counters)
Baby Skin Temperature	Yes (Optional)
White LED examination lamp	Yes (Optional)

MEDICAL DEVICES DIRECTIVES (MDD)

Manufacturer MDD Conformity	Class IIb - Production Quality Assurance
Equipment Conformity	EN60601-1, EN60601-1-2, EN60601-2-50



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