

Tende Babyblue

LED Phototherapy Device for Neonates

Tende Babyblue is Turkey's first intensive LED phototherapy unit.

This device has powerful LED lights and it is used for the treatment of neonates with high bilirubin levels.



High-density light power with fan-free LED technology

User-friendly interface with LCD graphic screen

2 working modes (standard and timer mode)

Red focus light (for optimal coverage of the treatment area)

5 levels of light intensity

Audible and visual alarm

Easy to use pneumatic height adjustment

Angle adjustment (360°)

Low power consumption

> 70.000h LED lifetime

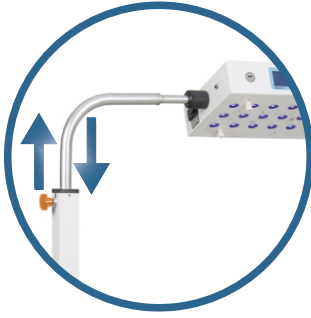
Counter of LED lifetime

Silent, lightweight, durable stand unit

Compatible with baby incubators, infant warmers, and bassinets

Turkish / English language options

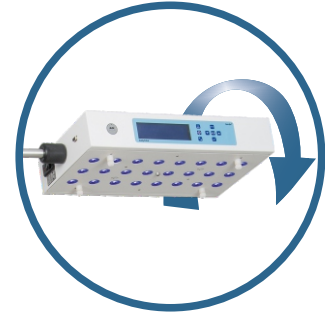
World's first phototherapy device that supports the usage of skin probes for measuring the skin temperature of a neonate



● Pneumatic height adjustment



● Top of the incubators



● Angle adjustment (360°)

FEATURES

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 25 cm (From 40 cm)
LED Life Time	> 70,000 Hours (Check the user manual for technical details)

ELECTRICAL SPECIFICATIONS

Operating Voltage	~110 / 240 V 60 / 50 Hz (MDD Class/Safety)
Power Consumption	80 VA, Max 45 W

ENVIRONMENTAL REQUIREMENTS

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

GENERAL

LCD Graphic Display	> 5 inches
Dimensions L W H (Therapy Module)	~ 47 cm x 27.5 cm x 8 cm
Wheels	2/3 with Brakes
Height Adjustment	110 cm - 154 cm (± 2%)
Tilt Adjustment (with Stand Unit)	Yes
Wheel Height	~ 6.3 cm
Weight	~ 4 Kg (11.2 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)

MEDICAL DEVICES DIRECTIVES (MDD)

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



1984
MDD 93/42/EEC ANNEX 2 / SEC 3
ISO 13485
ISO 9001

TENDE ELEKTRONİK YAZILIM MÜH. İLETİŞİM MAK. SAN. VE TİC. LTD. ŞTİ.

Ahi Evran OSB Mahallesi, Akhun Caddesi No: 5/1, 06935 Sincan ANKARA TÜRKİYE
T: +90 312 397 0733 F: +90 312 397 1787 www.tende.com.tr info@tende.com.tr