

Tende Babyblue 360

Tunnel Type Intensive LED Phototherapy Device for Neonates



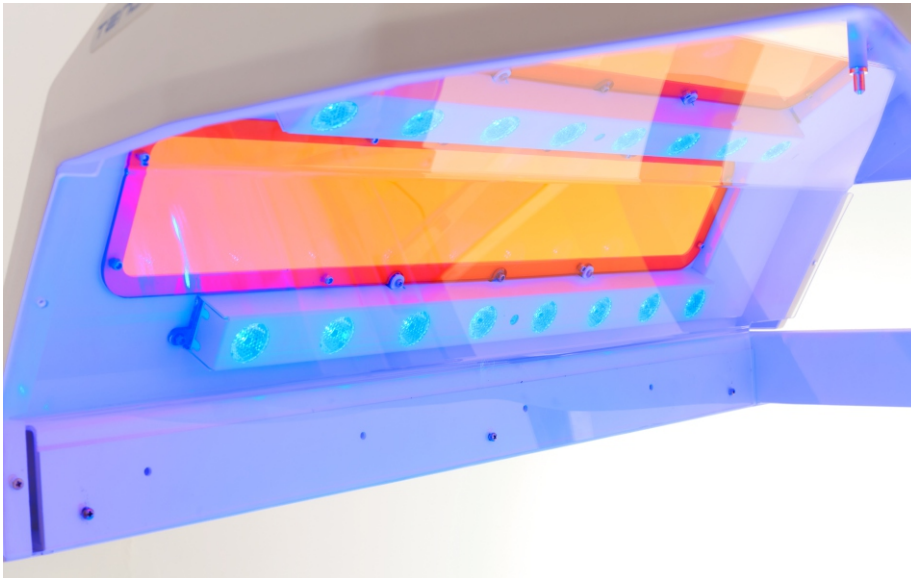
Tende Babyblue 360 provides multidirectional intensive phototherapy treatment for patients with severe jaundice diagnosis

- 5 levels of light intensity
- Durable, sophisticated, ergonomic unit
- Low power consumption
- System for monitoring air and skin temperature
- Audible and visual alarms
- Safe mattress pull out system
- 6 language options
- Counter of LED lifetime
- Adjustable working modes

- User-friendly interface
- Color Touch Screen Monitor
- World's first patented tilting mechanism
- Fan free technology
- The widest opening between upper and lower cabin (30cm)
- > 70.000 Hours LED Life time



GENERAL FEATURES



Tende Babyblue 360 provides the ultimate phototherapy treatment to newborns. This device has innovative features which allow the clinicians to monitor the development of treatment and the wellbeing of the patient in the most efficient manner.

The device will automatically start and stop the therapy if the temperature of air exceeds 39.5°C or if the temperature of the skin exceeds 38.5°C. The maximum distance between the upper and lower part is 30 cm.

When the mattress is pulled out the therapy is automatically paused.

Babyblue 360 does not contain fans, as the device itself does not cause overheating and the fans are not needed due to its patented outer design.

Thanks to its powerful motor the device is noiseless and the rising and lowering of the upper cabin does not disturb the patient. The transparent tray under the hammock is a safety feature that protects the patient in case there is a rupture on the hammock. At the same time, it protects lower LED lights from possible damage caused by spilling liquids, dropping different objects, etc.

As a safety feature, the device is always asking for confirmation that the patient's eyes are covered before the treatment begins. Depending on the patient's needs the clinician can use only upper or only lower LED lights, or both at the same time. The light intensity can be set to 5 different levels.

TECHNICAL SPECIFICATIONS:

GENERAL SPECIFICATIONS

Color Display	4.3 inches Color TFT Touch Screen Monitor
Sizes	Height: 140 - 170 cm, Width: 60 cm, Depth: 94 cm
Hammock Mattress Sizes:	63 cm x 40 cm
Weight	~ 86 Kg
Wheels	4 Dual Wheeled Casters with Friction Brake (Diameter: 125 mm)

POWER REQUIREMENTS

Power	100-240VAC (± 10%), 50-60 Hz, Max 135 W
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OPERATING CONDITIONS

Temperature	15°C to 40°C
Humidity	< 90% (Noncondensing Relative Humidity)

QUALIFICATIONS

Light Source	LED Blue Light
LED Lifetime	> 70,000 Hours (<i>Check the user manual for technical details</i>)
Light Intensity (Standard)	Max. 60 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%) Min. 12 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%)
Intensive Light Intensity (Optional)	Max. 120 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%) Min. 24 $\mu\text{w}/\text{cm}^2/\text{nm}$ (±10%)
Spectral Irradiance	460 nm (± 2%)

TEMPERATURE

Skin Temperature Alarm Set	33°C to 39°C with 0.1°C resolution
Air Temperature Alarm Set	18°C to 42°C with 0.1°C resolution
Skin Temperature Display Range	15°C to 45°C with 0.1°C resolution
Air Temperature Display Range	15°C to 45°C with 0.1°C resolution

ALARMS (Audible & Visual)

Time Measurement	Therapy end alarm
Air	Temp. high/low, over temp., sensor failure
Skin	Temp. high/low, over temp., sensor failure
Others	Safety space check between upper and lower side of the cabin while closing, over current (Motor), motor speed fault, top LEDs fault, bottom LEDs fault.