



ERTUNÇ ÖZCAN

## ***BLUE ANGEL LED PHOTOTHERAPY UNIT***



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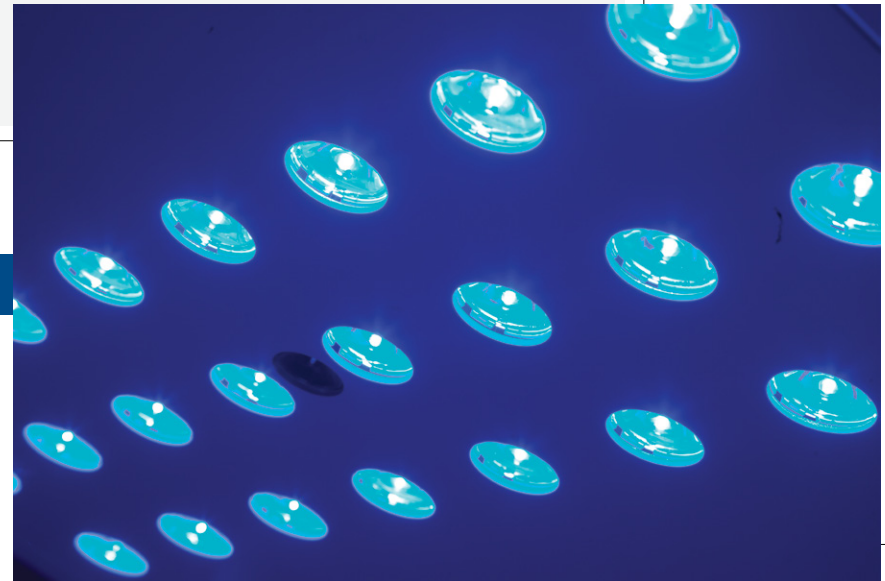
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## POWERFUL BLUE LED LIGHT TECHNOLOGY

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By means of light intensity adjustable featured “24 units of blue led” and “Bright Led Focusing Light”, high success ratio can be achieved in terms of hyperbilirubinemia treatment





Blue Angel Led Phototherapy Unit does not make an increasing based effect towards relevant working environment as well as dehydration on the baby due to it's suburb technology. Blue led technology neither emits ultraviolet nor infrared light during treatment.

**Product Code: 205-000-000**



## CONTROL UNIT

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- Blue Angel Led Phototherapy device equipped with 360° rotatable head with control unit
- Head Unit can be also placed on canopy without stand
- Quiet operation capability as the control unit doesn't require fan cooling
- 5.4" Wide LCD Screen Capability all setting options by means of its membrane type keys
- During phototherapy treatment all menu settings (Start, Language, Timer, Time, Information, Focusing) are easily accessible and changeable
- Time counter and automatic shutdown
- Light intensity adjustment feature
- Skin temperature measurement and monitorization (Optional)

## EXTENSIVE USAGE THANKS TO ITS ERGONOMIC DESIGN

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Blue Angel Led Phototherapy device is capable of integrated usage along with radiant warmer, baby cot and incubator units (by placing the head unit separately or integrated over incubator)



## DURABLE AND HEIGHT ADJUSTABLE STAND

### STAND STAND

Blue Angel Led Phototherapy device is capable of conducting height adjustability movement via its dumper system while equipped with 3 units of both swivel and lockable (2 units) castors to be able to provide easy steering to the end user.





## TECHNICAL FEATURES

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## LIGHT SOURCE FEATURES

|                                                       |                                                    |
|-------------------------------------------------------|----------------------------------------------------|
| Wave Length                                           | : 460 nm ( $\pm 2$ nm)                             |
| Maximum Light Intensity (from 40 $\pm$ 1 cm Distance) | : 120 $\mu$ W/cm <sup>2</sup> / nm1 ( $\pm 10\%$ ) |
| Minimum Light Intensity (from 40 $\pm$ 1 cm Distance) | : 30 $\mu$ W/cm <sup>2</sup> / nm1 ( $\pm 10\%$ )  |
| Effective Area (Effective Surface Area)               | : 40 cm x 20 cm ( $\pm 5$ cm)                      |
| Light Lifespan                                        | : 20.000 Hours                                     |

## PHYSICAL FEATURES

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Dimensions With Stand W x L x H | : 45 cm x 30 cm x 8.5 cm                 |
| Height Adjustment Mechanism     | : Dumper System                          |
| Lockable Wheels                 | : 3 Wheeled (2 of them can be locked)    |
| Total Weight With Stand         | : 18,5 Kg                                |
| Stand Height Adjustment Range   | : 130 cm - 160 cm (Up and down movement) |

## ELECTRICAL FEATURES

|                              |                                    |
|------------------------------|------------------------------------|
| Electrical Operation Voltage | : 220 ( $\pm 10\%$ VAC) , 50 /60Hz |
| Power Consumption            | : 45 W                             |

# BLUE ANGEL LED PHOTOTHERAPY UNIT

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### STANDARD FEATURES

- Able To Monitor and Reset Treatment Timer.
- Treatment Timer and Light Intensity Adjustment In 5 Levels.
- Automatic Shutdown And Warnings
- Timer (Device Shuts Down Automatically After Exposure Time.)
- 999 Hours Exposure Time (It Can Be Adjusted In 1-Minute Intervals)
- Hour and Date Indicator
- Turkish and English Languages (Various Languages On Demand)
- Monitorization Of Total Led Operating Time and All Specific 5 Levels

### OPTIONAL FEATURES

- Skin Temperature Measurement and Monitorization
- Visual and Audial Alarm (Led Panel Failure)

## QUALITY STANDARDS

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#### STANDARDS

- 93/42/EEC
- EN 60601-1:2006
- EN 60601-1-2:2007
- EN 60601-2-50:2009

NOTES

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ERTUNÇ ÖZCAN

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