

G/NEVR/
neo-tech for life

MIZAR

Double LED Phototherapy and Warming Lamp



The **MIZAR** phototherapy lamp is a device for treating newborns suffering from **hyperbilirubinemia** that gives temperature control. MIZAR has **12 Power blue LED's** lamps positioned **above and below** the patient to provide **double phototherapy** and **servo-controlled radiant heating**, together or separately.

The **quantity of therapeutic energy** released over a **short time** enables MIZAR to be used for **fast treatment of hyperbilirubinemia**, following the American Academy of Pediatrics (AAP) guidelines on intensive phototherapy.

MIZAR is a **trolley** supporting:

- an **overhead light**
- an **up-facing light**
- a **round, transparent PET-plastic cradle** that allows various positions (Trendelenburg & Antitrendelenburg)
- an optional **AQUAGEL** heat-storage mattress transparent to phototherapy rays

The **overhead light** includes:

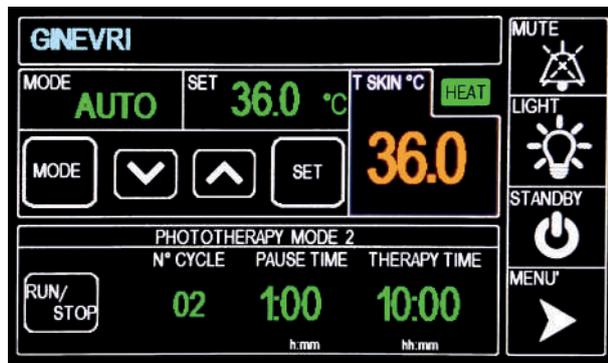
- a **touchscreen control panel**
- **6 blue LEDs** for phototherapy: total **max. patient irradiance > 1,500uw/cm2**
- **4 white LEDs** for illumination
- **450W radiant-heating quartz tube**
- **skin-temperature probe**

The **up-facing light** includes:

- **6 blue LEDs** for phototherapy: total **max. patient irradiance > 2,500µw/cm2**
- **transparent plastic cover**
- **lifetime of LEDs > 20,000hrs**

The **touchscreen control panel** allows:

- **servo-controlled skin temperature mode**
- settings for **manual thermoregulation mode**
- **preheating mode** (thermal power at 30% of max power)
- **phototherapy time-mode**
- **timer** for total and remaining hours of therapy
- **LED lifetime indicator**
- white-light switch
- active **acoustic and visual alarms**
- **'Set'** key for settings (avoids unintentional changes)



Accessories & Consumables



565 - 11814A73
Sensor probe fixer Gel
Reflect Ø26 & Ø38 (24pcs)



11282B73
Aquagel mattress 70X47 cm



11730A73
Blue Skin Probes (6pcs)



12423A70
Phototherapy Mask (50pcs)



12172A73
Optical Unit -
Phototherapy and
Illumination Leds (2pcs)



1749
Radiometer RM400

Technical specifications

MD Class	II A (93/42 CEE e s.m.i.)
Safety	I BF (EN 60601-1)
Power supply	230 Vac; 50-60 Hz 500W max
Display	4.3" color touch screen
Phototherapy LED	12 BLUE POWER LED (425-475nm)
Mode 1	allows to set phototherapy time
Mode 2	allows to set the phototherapy time, the pause time and number of cycles
Mode 3	allows to carry out phototherapy taking into account the therapy time carried out
Lighting	4 WHITE POWER LED
Optical unit life	> 20.000 h
Heating power	450 W
Distance	Upper (90 cm) Lower (26cm)
Heating Automatic	through thermoregulation controlled by a skin thermometric probe, so that the desired temperature is set in the range 23.0 - 38.0°C.
Heating Manual	from 0% to 100% with steps of 10% of total heating
Pre-heating	heating automatically set to deliver 30% of the total heating
Maximum size	105x50x180 cm (LxPxH)
Weight	46 kg
Gel Mattress size	60x34x0,5 cm (LxHxP)
Medical device	CE 1370

The specifications in this catalogue are indicative. GINEVRI reserves the right to make changes, without further notice, to the products described within this catalogue in order to improve reliability, function or design.