

# Mizar

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Double phototherapy  
lamp and radiant heating



**GINEVRI**

Quality for life



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## Double phototherapy lamp and radiant heating

The phototherapy lamp MIZAR allows to make the phototherapy from upper side and lower side, and also radiant heating. Unique of its kind, it is very functional for the emergency of phototherapy and heating. Indeed Mizar concentrates on the young patient and in a short time, a considerable therapeutic power for the treatment of hyperbilirubinemia in accordance with the guidelines of the American Academy of Pediatrics (AAP) for intensive phototherapy\*, and an effective servo-controlled heating.

MIZAR consists in:

- an upper ceiling light
- a lower ceiling light
- a cradle printed in transparent plastic PET with rounded
- mattress AQUAGEL (optional) for building up the heat, permeable rays for phototherapy
- trolley dedicated to enable the cradle to assume different positions (Trendelenburg & Fowler), pivoting on four wheels (two with brakes).

The upper ceiling light has:

- n°6 blu power LED for phototherapy: Total Irradiance max > 1.000  $\mu\text{w}/\text{cm}^2$
- n°4 white power LED for lighting of the field
- n°1 quartz tube infrared for radiant heating from 350W

- Power LED Useful Lifetime greater than 20000 hours.

The lower ceiling light has:

- n°6 blu power LED for phototherapy: Total Irradiance max > 2.500  $\mu\text{w}/\text{cm}^2$
- Power LED Useful Lifetime greater than 20000 hours
- n°1 cover in transparent plastic according to the security standards.

An advanced control panel and control microprocessor is located in front of the upper ceiling light. This control panel has the following functions:

- Manual, servo-controlled thermoregulation according to the patient temperature and preheating
- Temperature control of patient with skin probe
- Control of Radiated Power (%)
- Button for 12 blu LEDs for phototherapy
- Button for 4 white LEDs for lighting
- Memory for storing set values in case of mains failure
- Soft touch keys
- "Set" key for safety control
- Electronic time counter.

### Technical Specifications

Power Supply	230Vac, 50-60 Hz
Power	550W
Weight	50 Kg
Dimensions	105 x 52 x 180 cm



### Accessories and consumables



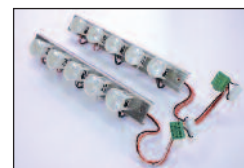
11895A70 Basket



1645 Phototherapy Mask (50 pcs)



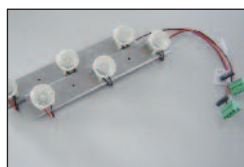
11730A73 Skin Probes Blue (6 pcs)



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



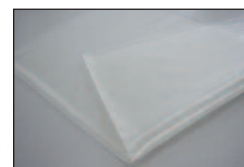
565 Sensor probe fixer Gel Reflect Ø38 (24 pcs)  
11814A73 Sensor probe fixer Gel Reflect Ø26 (24 pcs)



12172B73 Optical Unit Phototherapy Leds (2 pcs) Lower ceiling



1176 Decubitus sheet 66x35 cm (100 pcs)



11282A73 Gel mattress 60x34x0,5 cm (1 pcs)

\*American Academy of Pediatrics, guidelines for clinical practice, the Subcommittee on hyperbilirubinemia: Management of hyperbilirubinemia in the newborn infant 35 or more weeks of gestation, 2004; 297-316

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