

RADIANT HEAT - BONO

Neonatal infrared heater

The heater is intended to be used as a basic or additional heat source as well as to carry out extra intensive neonate phototherapy in the obstetrics institutions.



Advantages

- 3 operation modes: preliminary heating, manual and automatic modes
- 2 methods of phototherapy time setting: CLOCK, TIMER (time countdown)
- Adjustment of heating power and phototherapy radiation intensity
- System of sound and visual alarm signalization
- Vertical displacement of the heater and turning in horizontal plane

Technical characteristics

Temperature adjustment range	from 30°C to 38°C
Maximum density of infrared radiation:	
– in all infrared spectrum	60 kW/cm
– in near field of infrared spectrum (from 760 to 1400 nm)	10 kW/cm
Change of height of the heater module location	not less than 250 mm
Readiness time of the heater to operation	not more than 5 s
Level of noise of the working field area at a distance of 800 mm from the warmer module at standard operation	not more than 60 dBA
Class of the heater	II a

Parameters of phototherapy

Spectral range of light radiation	430-530 nm
Level of total radiation intensity for bilirubin at a distance of 800 mm from the warmer protective glass in the efficient irradiation area center:	
– maximum	3800±700 mcW/cm ²
– mean	1900±400 mcW/cm ²

