

OKM730

MOBILE INFANT RADIANT WARMER



OKM 730 MOBILE INFANT WARMER



OKM 730 MOBILE INFANT WARMER
W/BABY COT

Full Term

A newborn baby, when compared with the adult, has four times more heat loss capacity. For this reason, an infant requires a hotter environment than adults. According to the clinical studies, 39-40 weeks infant (full-term) loses 1-2 C of their body temperature in 30 minutes after the delivery and depending on how small of the infants increases this heat loss.

Thermal Radiation

Heat in the mother's uterus is 38 C. During the birth, the neonate is delivered with wet placenta and outer environmental atmosphere is colder and thus loses heat by several different ways of thermal radiation.

Reduce the Risk of Hypoxia

The newborns lose temperature rapidly, which causes cold stress and thus increases the oxygen consumption and metabolism, which way eventually cause hypoxia. However, by using radiant warmer soon after the delivery, the body temperature balance of the infant becomes more stable and this may reduce the adverse effects of the cold stress.

Ensures Proper Thermoregulation with It's Advanced Design

To avoid any physical and neurological damage which may be caused by thermo-stress, OKM-730 helps to keep the baby's body temperature within the neutral thermal zone of 36.5-37 C for the ideal temperature balance with its special design. Thus, the baby's limited metabolic activity is used for growth and survival functions rather than thermoregulation.

OKUMAN

Makes a difference in neonatal warming, resuscitation, phototherapy and suction applications with its reliable and advanced design by continuously assessing the user demands and feedbacks. OKUMAN offers radiant heating solutions for babies during pre and post-delivery with its unique design. All radiant warmers are also used in neonatal intensive care units and meet mobile needs of attending caregivers.

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Technical Specification		Environmental Conditions	
System Control Type	Dual Microprocessors	Operating Conditions	Temp : 18°C to 30°C
Temperature Rising Time	≤ 30		Humidity : 30% to 75%
Adjustable Range Of Skin Temp.	25°C to 38°C (01°C increments)	Storage Conditions	Temp : -40°C to 55°C
Display Range of Skin Temperature	10°C to 45°C		Humidity : ≤93 % RH
Heater	Max. 600 W	Electrical Features	
Heater Output	0 to 100% (5% increments)	Supply Voltage	110 or 240 VAC ±10%
Modes of Operation	Prewarm - Servo - Manual	Supply Frequency	50/60 Hz
Display Range of Air Temperature	10°C to 50°C	Electrical Standards	EN 60601-1 EN 61000 EN 60601-2-21 EN 60601-1-2
CPR Timer	0 to 99 min	Alarms	
Apgar Timer	1-5-10-20 min	Electric Failure	Yes
Communication Port	RS232	Probe Failure	Yes
Alarm Silence	10 min	System Failure	Yes
Adjustable Alarm Tolerance	0.5°C to 1°C	Alarm Silence Button	Yes
Noise Level	≤ 45 dBa	Temperature Deviation	±0.5°C
Dual Examination Lamp, Led	1500 Lux	Temperature Overheat	≥ 38°C
Control Panel Safety	Electronic Lock	Heater Module Rotation	Left & Right Deviations
Physical Specifications		Check Baby Alarm	15 min
Fix base height:	183 cm	Standards	
Heater module size :	79.5×25×12 cm	Class	Class IIb
Footprint:	80×60 cm	Quality Certificates	ISO 9001, ISO 13485, CE
Weight:	43 kg	Warranty Period	1 year standard, extended warranty (optional)



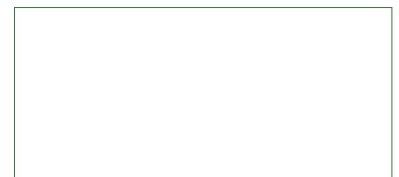
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ISO 13485



ISO 9001



Catalog ID: OKM 730M-001-022020-EN

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