



OKM 730

Infant Radiant Warmer

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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-week infant (full-term) loses 1-2 °C of their body temperature in 30 minutes after the delivery. And depending on the smallness of the babies, this heat loss increases.

Thermal Radiation

Heat in the mother's uterus is 38°C. The newborn is born with a wet placenta and loses heat through different thermal radiation as the external environment is colder.

Reduces the Risk of Hypoxia

Newborns rapidly lose body temperature, which causes cold stress and increases oxygen consumption and metabolism, which can lead to hypoxia. However, using a radiant heater immediately after birth makes the baby's body temperature balance more stable, which can reduce the negative effects of cold stress.

Provides Proper Thermoregulation with Its Advanced Design

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

Resuscitation Unit

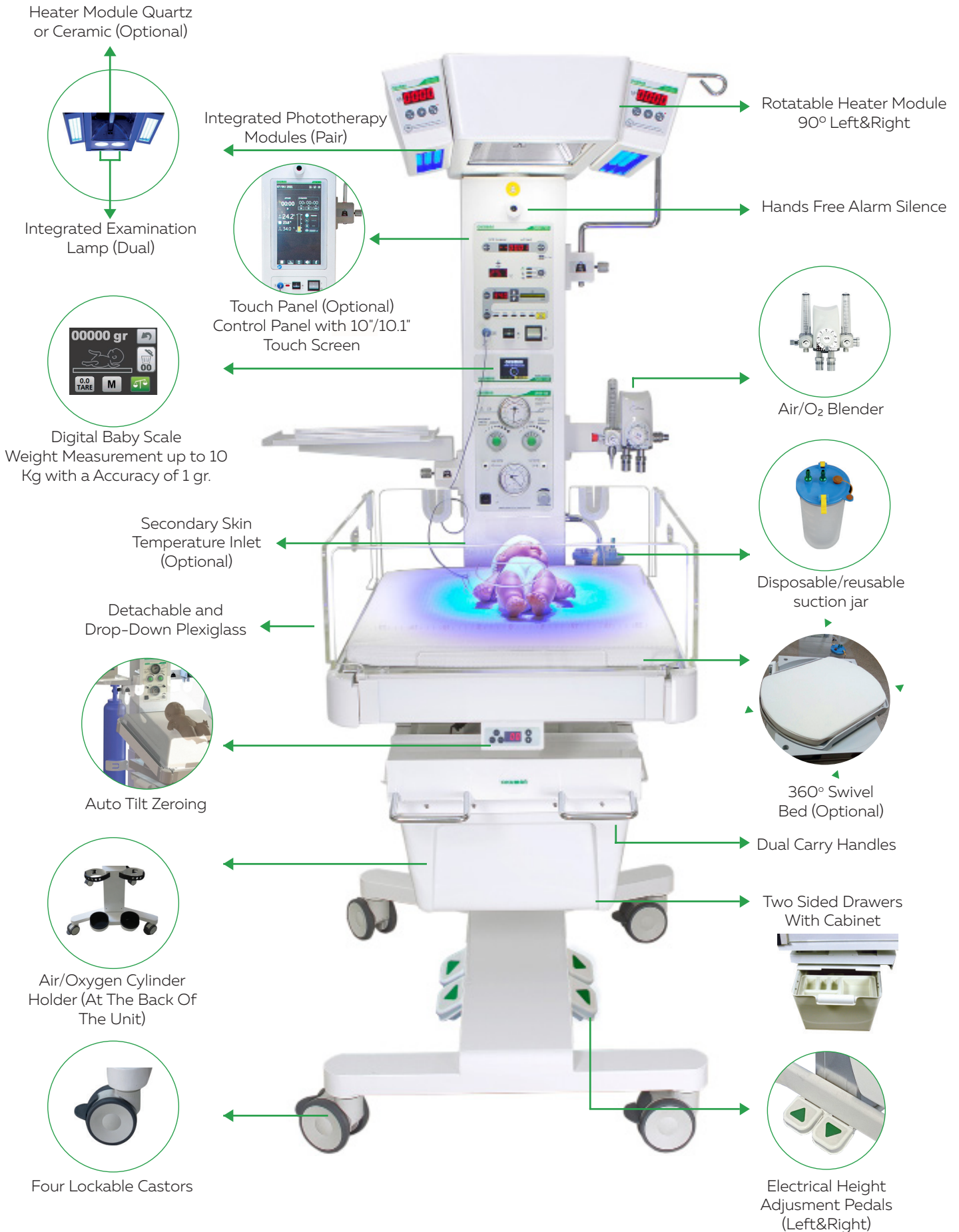
With the OKUMAN OKM 150 manual resuscitation unit, clinicians can provide easy and reliable resuscitation if the baby is not taking the first vital breath. T-piece Resuscitation application on babies facilitates optimum oxygenation while protecting the lungs from possible harm.

Auto Tilt Zeroing

OKM 730 has an auto tilt reset option when baby scale is in use. Tilt can be adjustable $\pm 15^\circ$ by user.

OKUMAN

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





Versions



OKM 730-ECO

- X-Ray Cassette Tray
- IV Pole
- Monitor Shelf



OKM 730-ADVANCED

- X-ray Cassette Tray
- IV Pole
- Monitor Shelf
- Two Sided Drawer
- Suction Unit
- Baby Scale with LCD Color Display
- T-piece Resuscitation Unit
- Electrical Tilt Adjustment with Zeroing Tilt Function
- Handsfree Alarm Silence



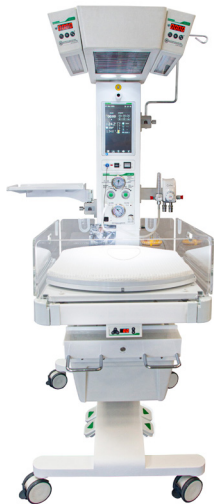
OKM 730-STANDARD

- X-Ray Cassette Tray
- IV Pole
- Monitor Shelf
- Two Sided Drawer
- Suction Unit



OKM 730-FULL

- X-ray Cassette Tray
- IV Pole
- Monitor Shelf
- Two Sided Drawer
- Suction Unit
- Baby Scale with LCD Color Display
- T-piece Resuscitation Unit
- Electrical Tilt Adjustment
- Auto Zeroing Function
- Handsfree Alarm Silence
- Air/Oxygen Blender
- Phototherapy Unit
- Electrical Height Adjustment (E-base)



OKM 730 10"

- X-ray Cassette Tray
- IV Pole
- Monitor Shelf
- Two Sided Drawer
- Suction Unit
- Color Display
- T-piece Resuscitation Unit
- Electrical Tilt Adjustment
- Auto Zeroing Function
- Handsfree Alarm Silence
- Air/Oxygen Blender (Optional)
- Phototherapy Unit (Optional)
- Electrical Height Adjustment (E-base)



OKM 730 10.1"

- X-ray Cassette Tray
- IV Pole
- Monitor Shelf
- Two Sided Drawer
- Suction Unit
- Color Display
- Nellcor SpO2
- T-piece Resuscitation Unit
- Electrical Tilt Adjustment
- Auto Zeroing Function
- Air/Oxygen Blender (Optional)
- Phototherapy Unit (Optional)
- Electrical Height Adjustment (E-base)



OKM 730-555

- X-ray Cassette Tray
- IV Pole
- Monitor Shelf
- Drawer
- Suction Unit
- Color Display
- Nellcor SpO2
- T-piece Resuscitation Unit
- Electrical Tilt Adjustment
- Handsfree Alarm Silence
- Auto Zeroing Function
- Air/Oxygen Blender (Optional)
- Phototherapy Unit (Optional)
- Electrical Height Adjustment (E-base)

OKM 730 LCD WALL MOUNT

- 3.5" LCD TFT Color Touch Screen
- Apgar and PPV Timers
- Hands free Alarm Silence (Optional)
- Prewarm , Servo, Manual modes
- Manual Trendelenburg
- Examination Lamp (Optional)
- LED Phototherapy (Optional)



OKM 730 MOBILE

- Adjustable Height
- Examination Lamp
- Mobility



General Features

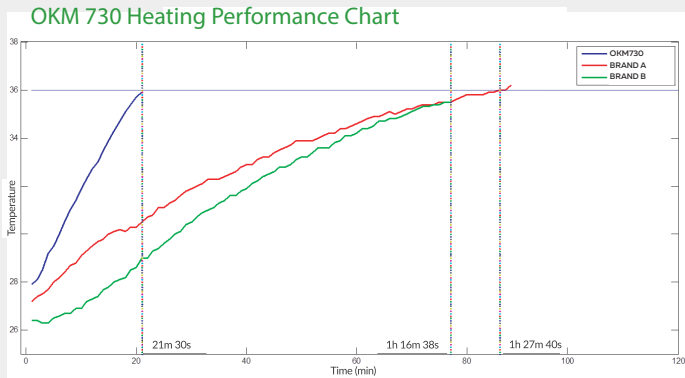





Figure - Temperature Rise Time Comparison Chart (Set value 36°C)

According to the experimental research data, OKM 730 reaches the ideal temperature set value of 36°C, starting from the room temperature, faster than any competitors' devices.

Technical Specifications

System Control Type:	Dual Microprocessor
Temperature Rising Time (Room temp. to 36°C):	≤ 30 min
Adjustable Range of Skin Temp:	25°C to 38°C (0.1°C increments)
Display Range of Skin Temp:	10°C to 45°C (0.1°C increments)
Heater:	Max 700W
Heater Output	0 to 100% (5% increments)
Modes of Operation	 Prewarm  Servo  Manual
Display Range of Air Temp:	10°C to 50°C (0.1°C increments)
CPR Timer:	0 to 99 min
Apgar Timer:	1-5-10-20 min
Communication Port:	RS232
Alarm Silence:	10 min
Adjustable Alarm Tolerance:	0.5°C to 1°C (0.1°C increments)
Noise Level:	≤45 dBa
Dual Examination Lamp, LED:	1500 lux
Control Panel Safety:	Electronic Lock

Alarms (Audio and/or Visual)

Electric Failure:	Yes
Probe Failure:	Yes
System Failure:	Yes
Alarm Silence Button:	Yes
Temperature Deviation:	± 0.5°C
Temperature Overheat:	≥ 38°C
Heater Module Rotation	Left & right deviations
Check baby alarm	15 min

Physical Specifications

Fixed base height:	
Floor to Mattress:	81 cm to 93 cm
Floor to Heater-Top:	172 cm to 183 cm
E-base height:	
Floor to Mattress:	81 cm to 101 cm
Floor to Heater-Top:	172 cm to 202 cm
Mattress to Heater-Top height:	78 cm
Footprint:	100x67 cm
Bed:	68x53 cm
Mattress:	67,5x52x30 cm
Monitor size:	
Internal	26x36 cm
External	27x37 cm
Weight:	95 kg*
Load capacity:	max 10 kg
Bed Tilt (Trendelenburg):	± 15°

Environmental Conditions

Operating Conditions:	Temp: 18°C to 30°C
	Humidity: 30% to 75%
Storage Conditions	Temp: -40°C to 55°C
	Humidity: ≤ 93% RH

Electrical Features

Supply Voltage:	110 or 240 VAC ±10%
Supply Frequency:	50/60 Hz
Electrical Standards:	EN 60601-1, EN 60601-2-21, EN 60601-1-2

Standards

Class:	Class IIb
Quality Certificates:	ISO 9001, ISO 13485, CE
Warranty Period:	1 year standard, extended warranty (optional)

*Different Value For OKM 730 Full & 10 Models; Weight: 135 kg Depth: 1160 mm

General Specifications

System Backup Features				
Model Name	OKM 730-ECO	OKM730-STANDARD	OKM 730-ADVANCED	OKM 730 FULL OKM 10/10.1*
Electrical Suction Unit				
<ul style="list-style-type: none"> Electrical adjustable suction control unit Suction manometer (0 to 180 mmHg) External venturi type suction unit (opt) 1000 ml suction jar 	○	●	●	●
Baby Scale With LCD Color Touchscreen				
<ul style="list-style-type: none"> Max load capacity: 10 kg Accuracy: ± 1gr Measurement memory up to 10 value Auto taring mode 2.8" LCD Touchscreen 	○	○	●	●
NeoPort Infant T-Piece Resuscitation (Integrated/ Stand Alone/ Mobile)				
<ul style="list-style-type: none"> PEEP: 1 to 15 cmH₂O PIP: 0 to 70 cmH₂O Max. Pressure: 0 to 70 cmH₂O Manometer Range: -20 to 80 cmH₂O Gas inlet flow range: 0 to 15 LPM 	○	○	●	●
Air / O₂ Blender				
<ul style="list-style-type: none"> Adjustable O₂ concentration: 21% to 100% Accuracy: ±3% FS 2 outlet ports Working pressure: 30 to 75 psi Gas inlet: DISS or NIST 	○	○	○	●
Phototherapy Unit				
<ul style="list-style-type: none"> LED blue lamps: 54 pcs Light Intensity: Max 65 μW/cm²/nm Adjustable Light Intensity: 4 levels Lamp life time: 20,000 hrs to 50,000 hrs Wavelength: 450 nm to 470 nm 	○	○	○	●
Bed Tilt (Trendelenburg)				
Mechanical (M) or Electrical (E)	M	M	E	E
Vertical Height Adjustment				
Fix (F) or Electrical (E)	F	F	F	E
System Backup Features for OKM 730-MOBILE				
Control Panel Safety				
Dual Skin HeaterProbe				
Dual Examination Lamp:1500 Lux				
Heater Module: 600 W				
Footprint: 80x60 cm				

* OKM730 10 has 10 inches color TFT touchscreen

* OKM730 10.1 has 10.1 inches color TFT touchscreen with Nellcor SpO₂ measurement option

OKM730 WALLMOUNT version has 3.5 inches colour TFT touchscreen with all heating mode features

General Specifications

Standard Accessories	
OKM 730-002-012	Monitor Shelf, 1 pc
OKM 730-002-052	Mattress, 1 pc
OKM 730-077	X-Ray Cassette Tray, 1 pc
OKM 730-050	IV Pole (Serum Hanger), 1 pc
OKM 730-012	Skin Temperature Probe (Reusable), 1 pc
OKM 730-CE-TD-RI-KK	User Manuel, 1 pc
OKM 730-066	Power Cord, 1 pc

Additional System Features for All Configurations	
AOB 100	O ₂ /Air Mechanical Mixer
GMX 30E AIR/02	O ₂ /Air Blender with 2 outlet
OKM-1001	Integrated phototherapy units (left & right pair)
OKM-1003	Electrical suction unit with jar
OKM-150	T-Piece Resuscitation Unit
OKM-160	Baby Scale with LCD Display
OKM-730-019	Electrical Height Adjustment (E-base)
OKM-730-020	Electrical Bed Tilt Adjustment
OKM-730-021	Auto tilt zeroing and tilt memory function
OKM-730-022	Air Temperature Display
OKM-730-023	Alarm Silence (Handsfree)
OKM-730-024	Ceramic Heater Selection
OKM-730-025	Rotary temperature control knob
OKM-730-026	Light intensity adjustable inspection lamp
OKM-730-027	Secondary skin temperature probe input
OKM-730-078	Two sided drawer with cabinet
OKM-730-250	Control panel with 8" color touch screen TFT display

Optional Accessories	
OKM 730-011	Peripheral/Skin temp probe (disposable)
OKM 730-012	Peripheral/Skin temp. probe (reusable)
OKM 730-0177	Fixing stamp with heat reflector
OKM 730-018	Double thermistor skin temp. probe
OKM 730-064	Infant head fixer
OKM 730-055	IV pole with stand
OKM 1003-SP001-01	Reusable suction jar
OKM 1003-SP001-02	Disposable suction jar
OKM 730-444	Positioning bed
OKM 730-028	Gel mattress
OKM 730-151	T-piece respiratory set (disposable)
OKM 730-002-083	Swivel bed
1540032	Phototherapy eye protection mask bonnet type (small)
1540033	Phototherapy eye protection mask bonnet type (medium)
1540034	Phototherapy eye protection mask bonnet type (large)
1540055	Phototherapy protection diaper for premature (medium)
1540056	Phototherapy protection diaper for premature (small)
1540057	Phototherapy protection diaper for premature (large)
1540058	Phototherapy protection diaper for premature (XS)
1540060	Baby gloves

Baby Model w/Accessories:





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106010002



106060009



900000334



900000333



106060010



106060008



101040007



106070045



107070038



20106001



106060138



106060140



O2 hood, Large-Medium-Small



10606006/30102166



OKUMAN

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Catalogue ID: OKM 730 009-032023-EN