



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

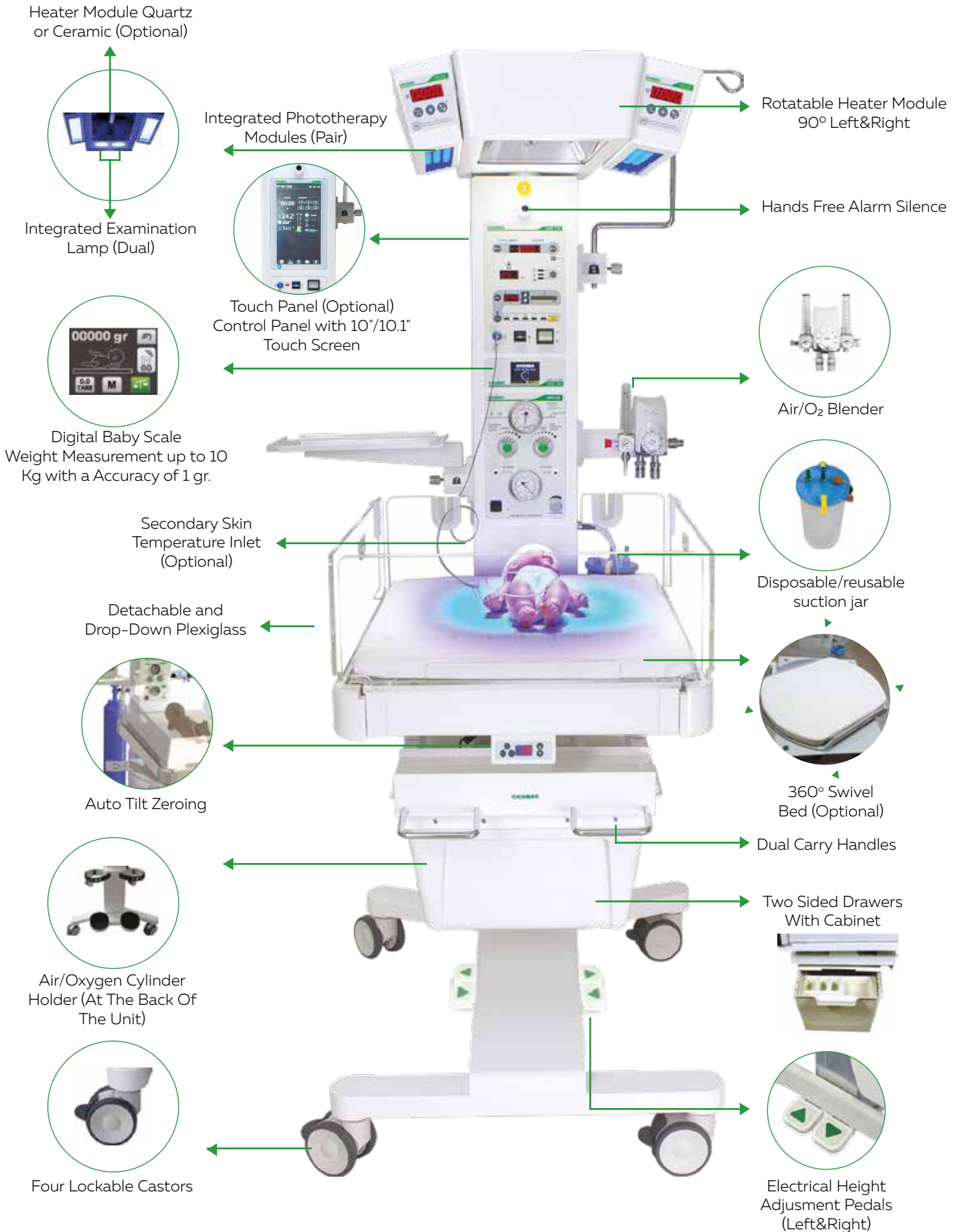
With the OKUMAN OKM 150 manual resuscitation unit, clinicians can provide easy and reliable resuscitation if the baby is not taking the first vital breath. T-piece Resuscitation application on babies facilitates optimum oxygenation while protecting the lungs from possible harm.

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 (Optional)
- T-piece Resuscitation Unit
- Electrical Tilt Adjustment
- Auto Zeroing Function
- Air/Oxygen Blender (Optional)
- Phototherapy Unit (Optional)
- Electrical Height Adjustment (E-base)

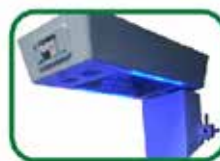
OKM 730-555



- X-ray Cassette Tray
- IV Pole
- Monitor Shelf
- Drawer
- Suction Unit
- Color Display
- Nellcor SpO2 (Optional)
- 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

- 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
- Mobil Bassinet (Optional)



General Features

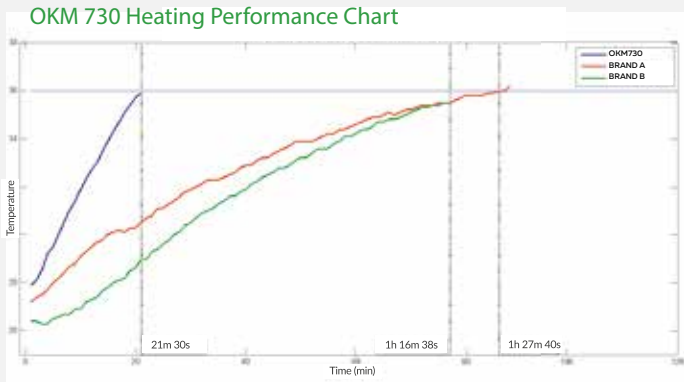





Figure - Temperature Rise Time Comparison Chart (Set value 36°C)

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 ~ 30°C | Humidity: %15 ~ %90 |
| Storage Conditions | Temp: -40°C ~ 55°C | Humidity: %15 ~ %90 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 | OKM70-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 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 Manual, 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 10" color touch screen TFT display |
| OKM-730-251 | Control panel with 10" color touch screen TFT display with Nellcor SpO ₂ |

| 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 |

106060205



106060215



106060216



106060207



106060232



106060233



101040007



106070045



107070038



20106001



106060138



106060140



O2 hood,
Large-Medium-Small



10606006/30102166



OKUMAN

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