



**MEDICOR ELEKTRONIKA ZRT.**  
AUTHENTIC EUROPEAN MANUFACTURER OF MEDICAL  
EQUIPMENT AND DEVICES FOR NEONATES SINCE 1953



**BABYLIFE®**

**BLR-2100A**

NEONATAL WARMING AND RESUSCITATION TABLE FAMILY



BUSINESS  
**Superbrands™**



CE 2409

## Standard Features

### MOBILE STAND

Heavy Duty Mobile Stand with 4 Anti-Static Swivel Castors (2 lockable, 150 mm)  
Protector Bumpers on Each Side  
Side Handle / Rail for Easy Positioning

### LYING SURFACE (INFANT BED)

Lying Surface with Anti-decubitus Mattress, X-ray Compatible  
Foldable side walls (4 pcs, height 17,5 cm)  
Measure Lines on 2 Side Walls  
Tube Ports on Side Walls / Name Plate on Rear Wall

### COLUMN / DISPLAY / CONTROLS

IV Pole on the Column  
Vertical Column Integrates Controls and Display  
Graphic 5" monochrome LCD Display  
Displaying Set / Date&Time / Temperature / Heating / APGAR, etc.  
3/24/170 Hours Graphic Trend with Values  
APGAR timer / Text / Icon Messages  
Water Resistant, Foil-covered, Soft Touch Control Panel with Lock  
Test button / Self Test / Silence / Reset Button

### OVERHEAD HEATER / OBSERVATION LIGHTS

Ceramic heaters Placed in Parabolic Reflector, Protected by Safety Grid  
Bright and Soft Lighting / Dimmable halogen light

### TEMPERATURE REGULATION

Automatic Warmup / Pre-warm (33°C) / Manual Mode (0-100%)  
Skin Temperature Servo Control with Override (34-38°C)  
Reusable Skin Temperature Sensor

### SAFETY / ALARM

Visual and Audible Alarms and Backup Sensors:

- High/Low Temperature • Air Temperature Sensor 1/2/3
- Skin Temperature Sensor • Skin Temperature Deviation • Technical Fault
- Mains Failure • Sensor Failures • Backup Over-heat Protection Included

State-of-the-art microprocessor controller  
Intelligent Operating System, Continuous Self-test Diagnosis  
Supplied with User Manual, Power Cable and Fuse  
EN / ES / FR / HU / RU Software Version



## Optional Features

### MOBILE STAND

Electric Height Adjustment with Foot Pedal (870 - 1020 mm)  
Instrument Shelf on the Stand (350x790 mm)  
Cupboard with 4 Drawers (300x300x90 mm) on the Stand  
Shelf on the Stand  
Gas Cylinder Holders (2) on the Stand

### LYING SURFACE (INFANT BED) / X-RAY CASSETTE TRAY

Gel Mattress  
Electric Continuous Cradle Tilting up to 15°, both Direction  
Inclination of Lying Surface Indicator  
Drawn X-ray Cassette Tray Under Lying Surface  
Manual Continuous Cradle Tilting up to 10°, both Direction

### COLUMN / DISPLAY / CONTROLS / MANUAL

7" Color Touchscreen LCD Display with Smart Software  
15.6" Color Touchscreen LED Monitor with Smart Software  
CPR mode  
Integrated User Manual

### OVERHEAD HEATER / OBSERVATION LIGHTS / CAMERA

Adjustable angle of Overhead Lighting  
Integrated CCD camera  
Monitor Shelves (2) on the Column  
Turnable Head by 30° and 90° / 120° both Directions

### SAFETY / ALARM / UPS / OPERATION

UPS (Uninterruptible Power Supply), Operation Time at least 30 min  
Contactless Operation Management System

### TEMPERATURE REGULATION

Adjustable Mattress Heating (30-33°C)  
Surface Temperature Servo Control with Override (30-38°C)  
Peripheral Skin / Rectal Temperature Sensor  
Reusable / Disposable Skin / Rectal Temperature Sensor  
Ambient temperature monitoring

### OXYGEN REGULATION / RESUSCITATOR / BLENDER

Oxygen Dosage through Flowmeter with Heated Humidifier (0-6 or 0-15 l/min)  
Hybrid Warmer/Incubator Non-contact Head-hood with oxygen servo (21-75/95%)  
Disposable Infant T-piece Resuscitator with PIP and PEEP Control  
Integrated Neonatal T-piece Resuscitator with PIP and PEEP control  
Auto NeoBreath Integrated Neonatal T-piece Resuscitator with PIP and PEEP control  
Air / Oxygen Blender (21-100%)

### SPO2 / SCALE / SUCTION UNIT / PHOTOTHERAPY

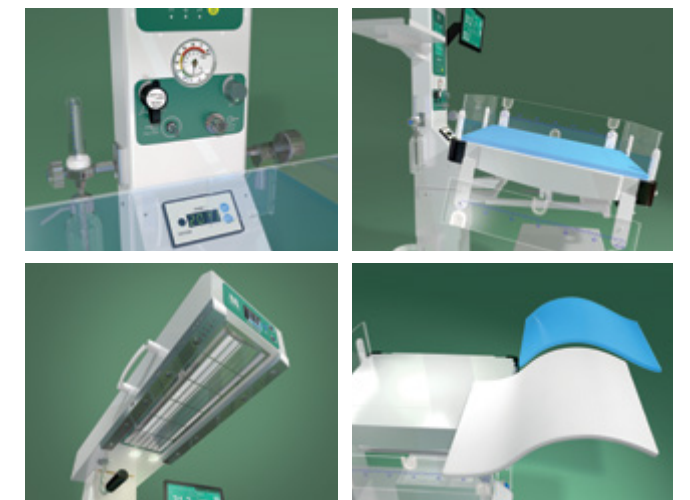
Built-in Pulseoximeter with Reusable Sensor  
High-accuracy Digital Weight Scale with Display (0-8 kg)  
Reusable / Disposable SpO2 Sensor  
Contactless Pulseoximeter Management System  
Suction / Aspirator unit with jar (Venturi or Electromechanical)  
Integrated LED phototherapy unit

### DATA MANAGEMENT / NETWORK

Data Collector to HIS/CIS (LAN/WIFI)  
Neonatal Central / Patient Monitor System  
RS-232 Connector



CE 2409





## Technical data (factory default values)\*

### PHYSICAL ATTRIBUTES

Height / Adjustable / Packing	185/185-200/112 cm (72,8/72-78,7/44,1 in)
Width / Packing	120/127 cm (47,2/50 in)
Depth / Packing	71/81 cm (28/31,9 in)
Bed to Floor (fix)	85 cm (33,5 in)
Bed to Floor (adjustable, optional)	87 – 102 cm (34,3 – 40,2 in)
Weight / Packing approx.	90/120 kg (199/265 lbs)
Mains voltage	220/230V ±10% (default), 110/120V ±10% (upon request)
Mains frequency	50 Hz (default), 60 Hz (upon request)
Nominal power consumption	600W
Nominal power of ceramic heaters (2 pcs)	500 W
Operating ambient temperature range	+20°C - +30°C (68°F - 86°F)
Storage/transport ambient temperature range	-40°C - +70°C (-40°F - 158°F)
Operating (Storage) ambient RH range	30% - 75% (10% - 100%)
Operating (Storage) air pressure range	700 hPa - 1060 hPa (500 hPa - 1060 hPa)

### LYING SURFACE (BED) SPECIFICATION

Surface size	61 x 76 cm (24 x 29,9 in)
Mattress size	60 x 75 x 2 cm (23,6 x 29,5 x 0,8 in)
Mattress to head height	80 cm (31,5 in)

### TEMPERATURE CONTROL MODES

Pre-warm mode	33.0°C (91.4°F)
Manual control temperature mode	0- 100%, in 5% increments
Surface control temperature range (optional)	30.0°C (86°F) to 38.0°C (100.4°F), in 0.1°C increments

Skin control temperature range	34.0°C (93.2°F) to 38.0°C (100.4°F), in 0.1°C increments
Mattress heating temperature range (optional)	30.0°C (86°F) to 33.0°C (91.4°F), in 1°C increments
Peripherical skin / Rectal temperature monitoring	Yes

### PERFORMANCE

Temperature rise time at	25 °C (77°F) ambient < 30 min
Temperature variability	< 0.5°C (0.9°F)
Temperature uniformity with a level mattress	< 0.7°C (1.2°F)
Correlation of the indicated air temperature to the actual surface temperature	≤ 0.7°C (1.2°F)
Display precision of skin temperature	< ±0.1°C (0.1°F)
Measuring precision of skin temperature sensor	< ±0.3°C (0.5°F)
APGAR warning signal after	1 / 5 / 10 min

### OXYGEN SERVO CONTROL (OPTIONAL)

Oxygen control range	21% – 75/95% (head hood)
Oxygen control accuracy of full scale	± 3%
Oxygen display accuracy (100% calibration)	± 3%
Oxygen display accuracy (21% calibration)	± 3%
Oxygen display resolution	1%

### WEIGHING SCALE (OPTIONAL)

Weight range	0 to 8 kg (17,1 lbs)
Weight display resolution	5 gr or 0,2 oz

Weight accuracy up to	5 kg ± 5 gr, over 5 kg ± 10 gr
Low voltage alarm	Yes

### LOADING

Possible load of mattress max.	10 kg (22,1 lbs)
Possible load of IV pole	max. 2 kg (4,7 lbs)
Possible load of shelves (optional)	max. 2 kg (4,7 lbs)

### DEVICE CLASSIFICATION

Protection class	Class I, Type BF, continuous operation
Ingress of liquids	IP 20
Electric safety	IEC 60601-1; IEC 60601-2-21

### TREND PARAMETERS

3/24/170-hour trend

- Surface temperature • Skin temperature • Mattress temperature
- Peripherical temperature • Oxygen concentration
- SpO2 (Pulse Oximeter) • Heater power (optionality)

\*Additional features in case of demand. The models illustrated in this brochure show the specifications of neonatalwarming and resuscitation table produced by MEDICOR for the European market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets, alterations in models, standard and optional equipment, as described in this brochure, may occur. For more precise information about country-specific product versions, please contact your local partner. Subject to change in design, specification and options without prior notice.

## BABYLIFE® Selection



**BLF-2001T**



**KLA-145LT**



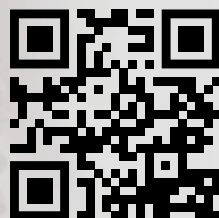
**KLA-145L**



**BLF-2001G**



**BLR-2100A**



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