



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)
Cupboard with 2 Drawers (300x300x90 mm) on the Stand
Gas Cylinder Holders (2) on the Stand
Protector Bumpers on Each Side
Side Handle / Rail for Easy Positioning

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

Lying Surface with Anti-decubitus Mattress, X-ray Compatible
Drawable X-ray Cassette Tray Under Lying Surface (35 x 65 cm)
Foldable side walls (4 pcs, height 17,5 cm)
Manual Continuous Cradle Tilting up to 10°, both Direction
Measure Lines on 2 Side Walls
Tube Ports on Side Walls / Name Plate on Rear Wall

COLUMN / DISPLAY / CONTROLS

Monitor Shelves (2) and 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 / CAMERA

Turnable head by 30° and 90° / 120° both directions
Ceramic heaters (2) Placed in Parabolic Reflector, Protected by Safety Grid
Bright and Soft Lighting / Dimmable halogen & LED procedure lights

TEMPERATURE REGULATION

Automatic Warmup / Pre-warm (33°C) / Manual Mode (0-100%)
Surface Temperature Servo Control with Override (30-38°C)
Skin Temperature Servo Control with Override (34-38°C)
Reusable / Disposable Skin Temperature Sensor

SAFETY / ALARM / UPS / OPERATION / TESTER

Visual and Audible Alarms and Backup Sensors:
• High/Low Temperature • Air Temperature Sensor 1/2/3
• Skin Temperature Sensor • Technical Fault • Mains Failure
• Mattress Temperature Sensor • SpO2 Sensor • O2 Sensor Failure
• Sensor Failures • Scales Failure • 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
CN / DE / EN / ES / FR / HU / RU / PT / TR Software Version



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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

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

Gel Mattress
Electric Continuous Cradle Tilting up to 15°, both Direction
Inclination of Lying Surface Indicator

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

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)
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)	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	1100W
Nominal power of ceramic heaters (2 pcs)	400 W both
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	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	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

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

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	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

*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

MEDICOR ELEKTRONIKA ZRT.

H-1097 Budapest, Illatos út 9., Hungary

Phone: +36 (1) 280-6342, +36 (1) 280-6900

Fax: +36 (1) 280-6336 • E-mail: sales@medicor.hu

www.medicor.hu

