



MEDICOR ELEKTRONIKA ZRT.

AUTHENTIC EUROPEAN MANUFACTURER OF MEDICAL
EQUIPMENT AND DEVICES FOR NEONATES SINCE 1953



BABYLIFE®

BLF-2001T

TYPE NEONATAL TRANSPORT INCUBATOR

BUSINESS
Superbrands™



CE 2409

V01 - 22.06.2021

Standard Features

DISPLAY / CONTROLS

7" Color Touchscreen LCD Display with Smart Software
Displaying Set / Date&Time / Humidity / Temp. / Heating, Battery Level, etc
3/24/170 Hours Graphic Trend with Values
Text / Icon Messages
Integrated User Manual
Water Resistant, Foil-covered, Soft Touch Control Panel with Lock
Silence / Reset Button

SAFETY / ALARM / UPS / OPERATION

Visual and Audible Alarms and Backup Sensors
True Double Conversion Integrated UPS with Display, Operation Time at Least 30 min Battery
State-of-the-art Microprocessor Controller
Intelligent Operating System, Continuous Self-test Diagnosis
Silent Operation (less than 42 dB)
HEPA 13 Air Filter
230V AC +/-10%, 50/60 Hz Operation
Supplied with User Manual, Power Cable, Spare Airfilter and Fuse
DE / EN / ES / FR / HU / RU / PT Software Version

TEMPERATURE REGULATION

Air Temperature Servo Control with Override (25-39 °C) and Air-curtain Protection

HUMIDITY REGULATION

Passive Humidifier Unit with Sponge (Capacity: 310 ml)

OXYGEN REGULATION

Oxygen Supply Inlet Connector (Non Regulated)
Oxygen Inlet (Not Regulated)

HOOD / CANOPY

Glass-like Transparent Double Wall Hood, X-ray Compatible
Front Access Door
4 Noiseless, Easy to Open Hand Ports / Windows
2 Iris Ports / Windows
4 Tube Ports
Cover for Hood

HANDLES / IV POLE / LIGHTING

Two Carrying Handles
IV Pole with Two Hooks
Examination LED Lighting with Adjustable Brightness

CRADLE (INFANT BED)

Removable Cradle with Anti-decubitus Mattress, X-ray Compatible
Drawable Cradle at the Front
Restraining Straps

Options

SAFETY / ALARM / UPS / OPERATION

110-120V AC +/-10% 50/60 Hz Operation
12/24V DC Cable & Connector for Ambulance

TEMPERATURE REGULATION

Skin Temperature Servo Control (34-38°C)
Peripheral/Second Skin/Rectal Temperature Sensor

HUMIDITY

External Ultrasonic Humidifier Unit

OXYGEN REGULATION

Oxygen Dosage Through Flowmeter (21-40%, 0-6 or 0-15 l/m)
Oxygen Concentration Meter (21-100%)
Oxygen Servo Control in Hood (21-65%)
Gas Cylinder
Gas Reductor with Flowmeter
Air/Oxygen Blender

SPO2

Built-in Pulseoximeter with Reusable Sensor
Reusable / Disposable SpO2 Sensor

HOOD / CANOPY

Advanced Silent Operation (39 dBA Upon Request)
Rear Access Door
Additional Tube Ports

STRETCHER TROLLEY / DOCKING STATION / BATTERY / IV POLE / MONITOR SHELF

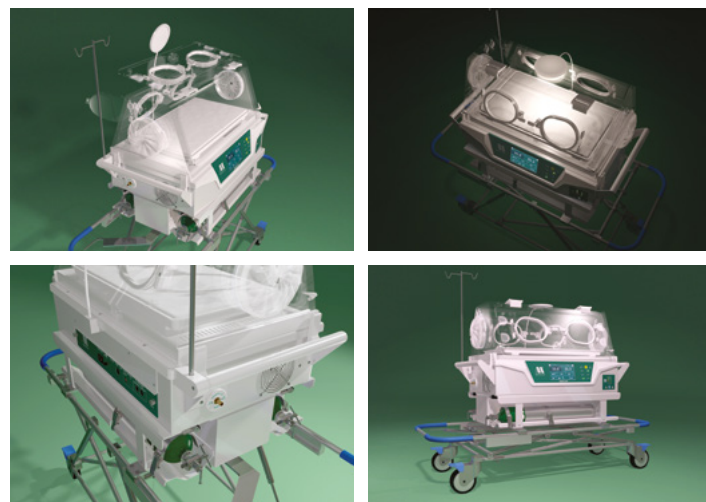
Standard Stretcher Trolley, Foldable, Four Anti-static Castors with Brakes
Ambulance Stretcher Trolley, Foldable, Four Anti-static castors with Brakes
Docking Station with Two Cylinder Holder and One Battery for an Additional 60 min Operation
Additional Battery for 60/90 min Operation
12/24V DC Cable & Connector for Ambulance Use
IV Pole with Four Hooks
Monitor Shelf

ADDITIONAL DEVICES / DATA MANAGEMENT / NETWORK

Neonatal Patient Monitor
Ventilator
Suction Unit (Venturi & Mechanical)
Infusion Pump
Data Collector to HIS/CIS



CE 2409



CE 2409

Technical Data (factory default values)*

PHYSICAL ATTRIBUTES

Incubator Body / With Docking Station (DS)

Height / with DS / Packing / with DS	50/68/75/93 cm (22/30 in)
Width / with DS / Packing / with DS	94/94/109/109 cm (38/43 in)
Depth / with DS / Packing / with DS	51/52/65/65 cm (22/26 in)
Weight / with DS / Packing / with DS	38.5/61.5/80/95 kg (143/176 lbs)

Standard Stretcher Trolley

Height (Adjustable) / Packing	42 – 79.5/39 cm (37-52/15 in)
Width / Packing	130/138 cm (52/54 in)
Depth / Packing	55/61 cm (21/24 in)
Weight / Packing	30.2/45 kg (82/99 lbs)

Ambulance Stretcher Trolley

Height (Adjustable) / Packing	27.5-88/41 cm (37-55/16 in)
Width / Packing	200.5/210 cm (76/83 in)
Depth / Packing	57/28 cm (21/11 in)
Weight / Packing	36.5/67 kg (95/148 lbs)

Mains voltage	220/230V ±10% (Default) 110/120V ±10% (Upon Request) 12V/10 Ah or 24V/6 Ah (Ambulance)
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Nominal Frequency	50/60Hz
Nominal Power Consumption	380VA
Number of Batteries	1 pce 12V/9Ah Integrated
Max. Number of Additional Batteries	2 pcs 12V/26Ah as Option
Working Time of Integrated / Additional Batteries	30/60 or 90 min
Max. Number of Battery Charge Cycles	200
Charging Voltage of Battery	12V
Battery Size	17x16x13 cm (7x6x5 in)
Weight of Battery	9 kg
UPS Display	Charge Level / Load Level / Mains / Battery / Overload
Operating Ambient Temperature Range	+10°C – +30°C (50°F–86°F)
Extended Range (Upon Request)	+10°C - +40°C (50°F – 104°F)

Storage / Transport Ambient Temperature Range	-40°C – 70°C (-40°F–158°F)
Operating (Storage) Ambient RH Range	30%–90% (10%–100%)
Operating (Storage) Air Pressure Range	700 hPa–1060 hPa (500 hPa–1060 hPa)

HOOD / CRADLE / MATTRESS / IV POLE / ACCESSORIES AND MONITOR SHELF SPECIFICATIONS

Hood Size	77 x 44 x 34 cm
Front Access Door Opening Size	66 x 28 cm
Cradle Size	35 x 63 cm
Mattress to Hood Height	24 cm, Up to 30 cm as Option
Mattress Size	30 x 60 cm
Max. Load of Cradle	10 kg
Max. Load of IV Pole	2 kg
Max. Load of Accessories/Monitor Shelf	5 kg

TEMPERATURE CONTROL MODES

Temperature Control Modes	Air / Skin Servo (standard)
Temperature Display Range (Air/Skin mode)	0.0°C (32.0°F) to 50.0°C (122.0°F)
Air Mode Control Temperature Range	25.0°C (68.0°F) to 37.0°C (99°F), in 0.1°C increments
Air Mode Control Override Temperature Range	37.1°C (99°F) to 39.0°C (102°F), in 0.1°C increments
Skin Mode Control Temperature Range	34.0°C (93°F) to 36.0°C (97°F), in 0.1°C increments
Skin Mode Control Override Temperature Range	36.1°C (97°F) to 38.0°C (101°F), in 0.1°C increments
Peripheral Skin / Rectal Temperature Monitoring	Yes

HUMIDITY REGULATION

Display Range of Relative Humidity	0% - 100%
The Capacity of the Passive Humidifier Unit with Sponge	310ml
Type of External Ultrasonic Humidifier Unit	Ultrasonic
Humidity Display Accuracy	± 10% RH

OXYGEN SERVO CONTROL

Max. Oxygen Inlet Pressure (Not Regulated)	0.4 MPa
Oxygen Servo Control Ranges	from 21% to 75% (95% Upon Request)
Oxygen Measurement Range	0% - 100%
Oxygen Control Range	25% - 75%, in 1% increments
Operating Temperature Range of O2 Measurement	5°C – 45°C
Oxygen Servo Control Accuracy of Full Scale	± 3%
Oxygen Display Accuracy (21% / 100% Calibration)	± 3%
Oxygen Display Resolution	1%
Operating Noise Level in Hood	< 42 dBA (39 dBA Upon Request)
Carbon Dioxide (CO2) Level (per EN60601-2-19)	< 0.4%
Micro Air Intake Filter	HEPA13 - 99.95%
Particle size removal	0.3 micron

DEVICE CLASSIFICATION

Protection Class	Class I, Type BF, continuous operation
Ingress of Liquids	IP21

TREND PARAMETERS

- 3/24/170-hour trend • Air temperature • Skin temperature
- Peripheral temperature • Relative humidity • Oxygen concentration
- SpO2 (Pulse Oximeter) • Heater power

ALARMS

- High Temperature • Technical Fault • Mains Failure Alarm • Battery Overload Alarm
- Fan Motor Alarm • Sensor 1/2/3 Failure Alarm • Overheat Alarm • Deviation Alarm
- Low Voltage Alarm • System Alarm

* Additional features in case of demand. The models illustrated in this brochure show the specifications of transport incubators 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. Please get in touch with your local agent for more precise information about country-specific product versions. Subject to change in design, specification, and options without prior notice.

BABYLIFE® Selection



BLF-2001T



KLA-145LT



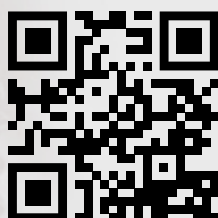
KLA-145L



BLF-2001G



BLR-2100A



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