MAGIC LOGGIA ULTIMATE MODEL
Your Professional Solution Partner...
• Magic Loggia Ultimate is equipped with “10.1 inch colour TFT touch screen ” ensures user friendly interface, content and usage facilitation. It provides easier access and accelerated calibration capability to the intended values to be able to set by means of adjustment keys of air, skin, humidity and oxygen parameters visible on the screen acting as timesaver for the end user.

• Raw materials utilized during manufacturing do comply with all harmonized standard defined for electrical, medical devices and equipments.

• Heat distribution of the device is both steady and homogeneous.

• Minimized sound stress on baby.

• Servo controlled humidity and oxygen system quickly reaches requested parameters.

• Hardware system of the device is compatible to operate with HL7, central hospital information system and remote access connection system via its optional Wi-Fi feature.
1) Double walled along with a large bed canopy that can be lifted up to 45°, suitable for twin babies.
2) Trendelenburg and reverse trendelenburg mechanisms that can be controlled mechanically from 0° to 12°
3) Double wall system placed on both part of the canopy can be opened up to 180°.
4) 10 self-closing ports (grommets) in terms of utilizing additional accessories through the cabin.
5) 6 intervention doors that can be opened with elbow touch.
6) X-ray cassette tray.
7) Humidification unit.
8) 10.1 inch TFT LCD color touch screen.
Magic Loggia-Ultimate model incubators have the following screen and monitoring features:

- 10.1 inch color TFT LCD touch screen
- Continuous monitoring of baby’s weight
- Simultaneously measuring and monitoring of skin temperature of twin babies
  - New baby / Previous baby selection at startup.
- Smart screen feature providing easy monitoring of air, skin, humidity / oxygen and weighing scale values
- Continuous display feature of parameters on different display windows when switching to other display windows.
- Set and actual values of air temperature, set and actual skin temperature 1 and 2, set and actual values of humidity, set and actual values of oxygen on the same screen, instant baby weight, notes, time and date, baby’s name and gender, alarm status or trend
- Actual and set values are viewed by smart display windows while the other function values can be monitored as footer. Thus, all the values can be displayed on the same screen.

User and the calibration warning signs are shown with images.
MONITORED PARAMETERS

- Set temperature value
- Measured air temperature value
- Measured skin-1 temperature
- Measured skin-2 temperature (optional)
- Set / Measured humidity value
- Set/ Measured Oxygen value
- Weighing results
- Memory – trend information
  (Graphical trend information up to one month is available and monitoring can be performed by graphical display with 6 minutes intervals. Trend information such as set and actual values of air, skin, humidity and oxygen can be monitored in same graphical screen.)
- Menu
- Alarm
- Time– Date
- Notes
  (Correspondences between users can be viewed by scrolling text and smart screen note feature.)
Sound stress on baby is minimized by utilizing our perfect technology during manufacturing process of Magic Loggia incubators.
Magic Loggia incubators do equip with a sensor module technology unit which can be easily placed into the canopy, in order to ensure communications through control panel by utilizing a single cable in terms of measuring all parameters. Thus, possible cable congestions are prevented. Sensor module system includes air temperature sensor, humidity sensor, two oxygen sensors, initial skin temperature probe input, secondary skin temperature probe input, internal scale connection input, and an alarm indicator.
To prevent heat loss inside of the canopy, air curtains are automatically activated when front and/or rear door is opened. Air mode, Skin mode can be digitally controlled by means of servo controlled heater module.

Magic Loggia incubators equipped with micro filter unit in order to hold micron-size particles during air intake cycle.

Due to state of the art design of Magic Loggia Model Incubators, preventing local humidity condensation against infection risks, while ensuring homogeneous distribution of humidity flow inside of the canopy becomes our production standard.
SERVO CONTROLLED HUMIDIFIER UNIT

- Large humidity control reservoir filled with distilled water to be able to reach quickly to the requested set value by means of servo controlled humidity system.
- Humidity control reservoir is suitable for steam sterilization.

360° ROTATABLE DRAWERS (OPTIONAL)

4 LOCKABLE CASTORS
# TECHNICAL SPECIFICATIONS

## PHYSICAL SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Incubator Dimensions (with stand)</td>
<td>142 (H) x 103 (W) x 73 (D) cm</td>
</tr>
<tr>
<td>Incubator Weight</td>
<td>~100 Kg</td>
</tr>
<tr>
<td>Access Door Size</td>
<td>85 (W) x 34 (H) cm</td>
</tr>
</tbody>
</table>

## HOOD SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Access Ports</td>
<td>6</td>
</tr>
<tr>
<td>Cable and Hose Ports</td>
<td>10</td>
</tr>
<tr>
<td>Air Filter</td>
<td>&lt;0.5 μ</td>
</tr>
<tr>
<td>Noise Level inside Canopy</td>
<td>≤42dBA</td>
</tr>
<tr>
<td>Air Flow Velocity</td>
<td>&lt;10 cm/sec</td>
</tr>
</tbody>
</table>

## MATTRESS SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Baby Tray Dimensions</td>
<td>82 cm x 40 cm</td>
</tr>
<tr>
<td>Mattress Tilting Angle</td>
<td>0° to 12°</td>
</tr>
</tbody>
</table>

## TEMPERATURE CONTROL MODES

- **Air Temperature and Skin Temperature Control Modes**
  - **Air Mode Control Temperature Range**: 19.9°C – 37°C
  - **Air mode Override Temperature Control Range**: 37°C – 39°C
  - **Air Temperature Shortcuts**: 30°C, 32 °C, 34 °C, 36 °C
  - **Skin Mode Control Temperature Range**: 33.9°C – 37°C
  - **Skin Mode Override Temperature Control Range**: 37°C – 38°C
  - **Skin Temperature Shortcuts**: 34 °C, 35 °C, 36 °C, 37 °C
  - **Temperature Rising Time**: <25 minutes

## SERVO CONTROLLED OXYGEN (OPTIONAL)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen Control range</td>
<td>21% to 85%</td>
</tr>
<tr>
<td>Oxygen Display Resolution</td>
<td>1%</td>
</tr>
<tr>
<td>Oxygen Display Accuracy (21% Cal)</td>
<td>± 5%</td>
</tr>
<tr>
<td>Oxygen Display Range</td>
<td>15% to 99 %</td>
</tr>
<tr>
<td>O2 Sensor Operating Temperature Range</td>
<td>20°C to 41°C</td>
</tr>
</tbody>
</table>

## SERVO CONTROLLED HUMIDITY

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity Control Range</td>
<td>%20 – %95 (Display Range: %15– 99)</td>
</tr>
<tr>
<td>Humidity Display Accuracy</td>
<td>± %5</td>
</tr>
<tr>
<td>Maximum Humidity</td>
<td>&gt;%90 (when set temperature is 39° C )</td>
</tr>
<tr>
<td>RH Sensor Operating Temperature Range</td>
<td>20°C – 41°C</td>
</tr>
<tr>
<td>Humidity Control Reservoir Capacity</td>
<td>1000 ml (1300 ml with inner reservoir)</td>
</tr>
</tbody>
</table>
### Trend Parameters (Optional)

**Graphical and numerical Trends**
- Actual and set air temperature on same graphic (24mn, 48mn, 96mn, 3hr, 6hr, 12 hr, 24 hr, 48hr, 96hr, 8days, 16days, 32days)
- Actual and set skin temperature-1 on same graphic (24mn, 48mn, 96mn, 3hr, hr 12 hr, 24 hr, 48hr, 96hr, 8days, 16days, 32days)
- Actual skin temperature-2 on same graphic (24mn, 48mn, 96mn, 3hr, 6hr, 12 hr, 24 hr, 48hr, 96hr, 8days, 16days, 32days)
- Actual and set humidity range on same graphic (24mn, 48mn, 96mn, 3hr, 6hr, 12 hr, 24 hr, 48hr, 96hr, 8days, 16days, 32days)
- Actual and set oxygen concentration on same graphic (24mn, 48mn, 96mn, 3hr, 6hr, 12 hr, 24 hr, 48hr, 96hr, 8days, 16days, 32days)
- Body Weight can be recorded up to 32 days
- Heating Power Value (24mn, 48mn, 96mn, 3hr, 6hr, 12 hr, 24 hr, 48hr, 96hr, 8days, 16days, 32days)

### Scale (Optional)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weighing Range</td>
<td>0 – 9999 g</td>
</tr>
<tr>
<td>Weight Display Resolution</td>
<td>1 g</td>
</tr>
</tbody>
</table>

### Alerts

- High Air Temperature
- Low Air Temperature
- High Skin Temperature
- Low Skin Temperature
- High Humidity Ratio
- Low Humidity Ratio
- High Oxygen
- Low Oxygen
- No-Water in Humidity Reservoir
- Low Battery
- No Sensor Module
- Power Failure
- Humidity Sensor Failure
- Skin Sensor Failure
- Fan Failure

### System Control

- Microprocessor controlled and automatic self test
- Keypad lock
- Alarm mute button
- PC Connection (Optional)

### Language Options

- Turkish and English (Various languages on demand)

### Electrical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>210-240VAC</td>
</tr>
<tr>
<td>Frequency</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Internal Battery</td>
<td>Magic Loggia Ultimate Model Incubator supplied with an internal battery enables to carry out just monitoring up to 60 minutes.</td>
</tr>
</tbody>
</table>
### MAGIC LOGGIA ULTIMATE MODEL INCUBATOR

#### STANDARD SPECIFICATIONS
- Reusable Skin Temperature Probe
- Reusable Humidity Measurement Probe
- Air Filter
- X-Ray Cassette Tray
- Sterilizable Humidity Reservoir

#### OPTIONAL ACCESSORIES
- Monitor Shelf
- IV Pole
- Suction Unit
- Scale system
- Trend
- Multiplier Electrical Plug System
- Flowmeter Unit
- Disposable Skin Temperature Probe
- Skin Temperature Probe
- Antiseptic Spray
- Wi-Fi Connection
- Compliance with HL7
- Electronic Height Adjustment

### COMPLIANCE WITH STANDARDS

EN60601-1
EN60601-2-19

ERTUNÇ ÖZCAN reserves the right to make changes without prior notice in equipment, publications and prices as may be deemed necessary or desirable.
ANKARA (Headquarters)
Address: Mustafa Kemal Mah. Dumlupınar Bulvarı, No: 266,
Tepe Prime Plaza, A Blok Kat: 5  06800 Çankaya / Ankara | TURKEY
Tel: +90 (312) 433 42 26
Fax: +90 (312) 431 91 22

ANKARA (Factory)
Address: ASO 2-3 OSB. 2036.Cad. No:1
Sincan / Temelli / Ankara | TURKEY
Tel: +90 (312) 641 41 34 (PBX)
Fax: +90 (312) 641 40 06

İstanbul
Address: Molla Gürani Mah. Mürettip Sok. No:8/A 34003 Fatih / İstanbul | TURKEY
Tel: +90 (212) 533 02 04
Fax: +90 (212) 532 98 97

İzmir
Address: 46. Sok. No: 23 Daire 1 Çağıla Apartmanı Üçkuyular / İzmir | TURKEY
Tel: +90 (232) 248 35 00
Fax: +90 (232) 248 35 01

Antalya
Address: Kuşkavağı Mah. 543. Sok. Kumsal Apartmanı No: 10/1 Konyaaltı / Antalya | TURKEY
Tel: +90 (242) 228 16 50
Fax: +90 (242) 228 17 50

Gaziantep
Address: Osmangazi Mah. A. Kadir Aksu Bulvar Tuğçe Sitesi B Blok No:178 Gaziantep | TURKEY
Tel: +90 (342) 380 79 71
Fax: +90 (342) 380 79 72

www.ertuncozcan.com  info@ertuncozcan.com