

Olidef cz



Baby Incubator

Model 211

Love for Life

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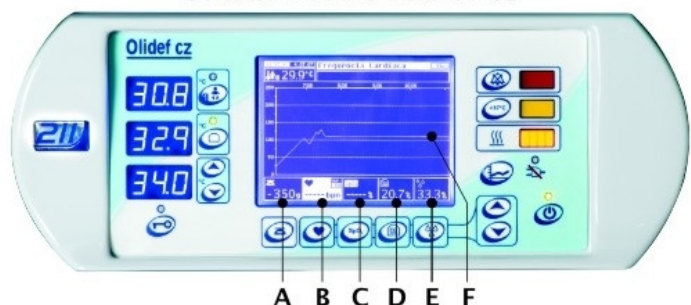
Newborn premature babies have greater difficulties in maintaining their body temperature than full-term babies and adults because of their larger body surface in relation to their volume. The use of the thermal therapy has been demonstrated as being very useful to increase the survival rate in low-weight babies.

Several devices have been developed to actively warm and maintain appropriate temperature in neonates and infants, such as radiant warmers and hot air incubators.

The Olidef cz Neonatal Incubators provide a warm and stable microenvironment for small babies, who need additional care in this critical period in the beginning of their lives. These are high-technology equipment whose resources include: control systems of temperature, oxygen and humidity along with factors such as quality, effectiveness and friendly-use operation, all specially designed to fully meet the user's expectations, therefore providing greater comfort for the small patients.



Control Module Version 03



- | | |
|----------------------|--------------------------------|
| A - Weight | D - Oxygen concentration |
| B - Heart frequency | E - Relative air humidity |
| C - SpO ₂ | F - Tendency graphs (60 hours) |

Comparative Table

Control Model

Version 1	V1
Version 2	V2
Version 3	V3

✓ Standard ○ Optional Accessory N/A Not Available

Control Module	V1	V2	V3
CONTROL SYSTEMS			
TEMPERATURE			
• AIR MODE (Manual): The incubator automatically controls the temperature of the air inside the hood, based on the operator's programmed value. The real and desired values for the air temperature are indicated in the control module display.	✓	✓	✓
• SKIN MODE (Servo-controlled): The incubator automatically controls the heating level through a skin sensor, based on the operator's programmed value for the desired temperature of the newborn.	✓	✓	✓
HUMIDITY			
• PASSIVE MODE: The operator can increase the relative air humidity inside the incubator, using a water reservoir integrated to the equipment.	✓	N/A	N/A
• ACTIVE MODE (Servo-controlled): The incubator automatically controls the relative air humidity, based on the operator's programmed value. The real and desired values for relative air humidity are indicated in the control module display.	N/A	✓	✓
• INTEGRATED WATER RESERVOIR (Removable and Autoclavable)	✓	✓	✓
OXYGEN			
• PASSIVE MODE: The operator can increase the oxygen concentration inside the incubator, by using the input valve with security device and filter.	✓	✓	✓
• ACTIVE MODE (Servo-controlled): The incubator automatically controls the oxygen concentration, based on the operator's programmed value. The real and desired values for oxygen concentration are indicated in the control module display.	N/A	N/A	○
OXIMETRY			
• PULSE OXIMETRY SYSTEM: Allows the monitoring of the patient's vital-signs, showing the SpO ₂ level, the heart frequency and plethysmographic curve in the incubator's display.	N/A	N/A	○
CONTROL MODULE FRONT PANEL			
• LCD display (Alphanumeric)	✓	✓	N/A
• LCD display (Graphic/Alphanumeric): Allows the graphic visualization of diverse parameters, through tendency graphs and plethysmographic curves (for the oximetry system).	N/A	N/A	✓
• Supervisor system: The lateral panel has an RS 232 serial port for the use with standard microcomputers. The use of this communication port allows all stored data of the monitored parameters to be transmitted and saved to a microcomputer for further analysis of the patient's report or for the data printing.	N/A	○	✓
• Temperature skin probe (Central)	✓	✓	✓
• Temperature skin probe (Peripheral): Allows the patient's dual temperature monitoring (Central and Peripheral) or the verification of the air temperature inside the incubator.	N/A	N/A	✓
• Keyboard lock	✓	✓	✓
• Heating indicator	✓	✓	✓
• Language selection (English/Spanish/Portuguese)	✓	✓	✓

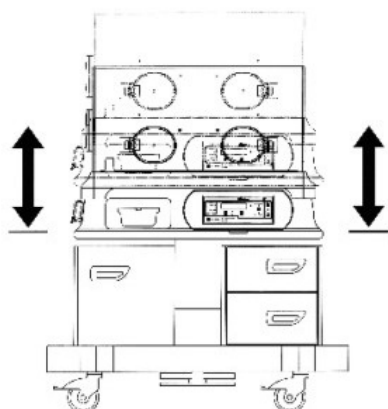
Control Module	V1	V2	V3
CONTROL MODULE FRONT PANEL			
• Removable: Easy replacement, speeds up the preventive and corrective maintenance process, facilitates the asepsis and prevents the equipment's uselessness as well.	✓	✓	✓
BABY'S COMPARTMENT			
HOOD			
• Medical-grade acrylic (Non-toxic/Auto-extinguishable)	✓	✓	✓
• Double wall	✓	✓	✓
• Frontal intensive care door	✓	✓	✓
• Rear intensive care door: Facilitates the total access to the patient from both sides of the incubator.	○	○	○
• 05 Oval polycarbonate portholes	✓	✓	✓
• 05 Removable arm cuffs	○	○	○
• 01 Round porthole with iris cuff	✓	✓	✓
• 04 Tubing port for sensors and tubes	✓	✓	✓
• 08 Tubing port for sensors and tubes (available with rear door)	○	○	○
• Nebulizer coupler	✓	✓	✓
BED			
• Radiotransparent plastic structure	✓	✓	✓
• X-ray cassette tray	✓	✓	✓
• Displaceable bed: The bed can be dislocated toward away from the hood, facilitating the access to the patient.	✓	✓	✓
• Trendelenburg and reverse Trendelenburg position	✓	✓	✓
OPTIONAL ACCESSORIES			
• Drawer set (02 Drawers)	○	○	○
• Cabinet (Door)	○	○	○
• Intra-venous pole	○	○	○
• Monitor support	○	○	○
• Ventilator tube support	○	○	○
• Coupled weighing scale (External Display)	○	N/A	N/A
• Weighing scale (Built in Display)	N/A	○	✓
• Electric height control system	○	○	○
• Electric inclination control system: Allows the operator of the incubator to adjust the inclination of the incubator's bed, through a keyboard located in the front of the incubator.	○	○	○
• Nebulizer	○	○	○
AUDIBLE AND VISIBLE ALARMS			
• Operation supervision	✓	✓	✓
• Temperature	✓	✓	✓
• Humidity	N/A	✓	✓
• Oxygen	N/A	N/A	○
• Pulse oximeter	N/A	N/A	○
MECHANICAL SPECIFICATIONS			
• High resistance plastic external/internal body	✓	✓	✓
• Integrated protection bumper	✓	✓	✓
• Support with 04 wheels (With brake)	✓	✓	✓

Note: This catalog offers a brief technical description and a general list of accessories and optionals, for detailed information or requesting a proposal please contact Olidef cz sales department:
+ 55 (16) 3637-3600 | export@jpfarma.com.br

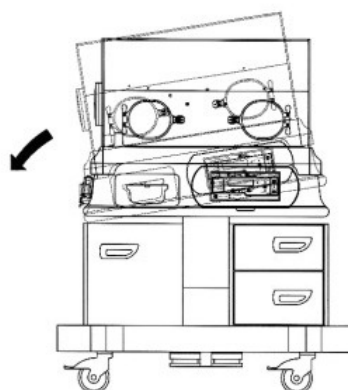
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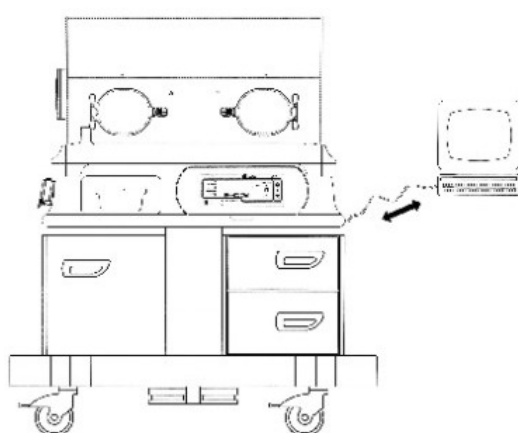
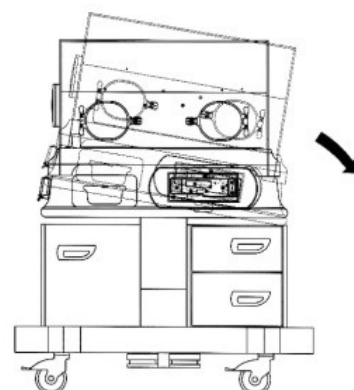
Technical drawings



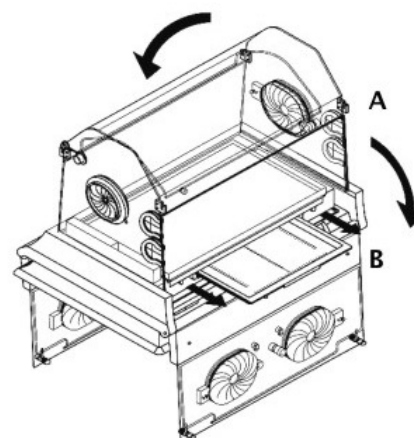
Electric height control system (Optional)



Electric inclination control system (Optional)



Supervisor system
(Standard or Optional)



A) Hood with two intensive care doors (Optional)

B) X-Ray cassette tray (Standard)

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Electrical specifications

Control module versions 01, 02 and 03

Power supply	Automatic selection of voltage	
Voltage (V)	100-140~	205-245~
Network frequency (Hz)	50/60	

CNU - The information contained herein is subject to alterations without previous notice.



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