

INNOVA Lite

RADIANT HEAT WARMER



USER FRIENDLY
TECHNOLOGY



Micro Computer Temperature Controller

- PID (proportionate integrated derivative) based micro processor technology assures accurate maintenance of set temperature with internal accuracy of 0.01°C
- User friendly on-board temperature calibration with feather touch keys
- User friendly feather touch control
- Key-pad lock facility to avoid accidental changes of any set parameters
- Safety alarms with high temp. cutoff
- Watch Dog facility Auto-Resets the System during hangups due to power fluctuation

Heater Box

- Ceramic Infra Red Heater with higher power output and more durability than any tubular silicon quartz glass heaters
- Swivelling source box to take X-ray
- Temperature Resistant Design of heater box keeps exterior surface cool even after continuous use
- Stainless steel reflector and heater grill for complete cleaning of heater & reflector without any electrical shock hazards

LED Examination Lamp

- Appropriate illumination to assess infant colour during procedures

Baby Bassinet

- Easy access of an Infant from all sides due to clear acrylic collapsible side panels
- Bed head Up / Down facility
- Provision for positioning X-Ray cassette
- Thick cushion mattress

Essential Attachment

- Instrument Tray & IV Stand

Temperature Controllers

Skin / Air / Manual (LCD)

- 1" bright skin temp. display
- 1" bright air temp. display
- Numeric % of heater output display
- Set temp. display on LCD
- Control mode display on LCD
- APGAR Timer display on LCD

Manual Mode

- Time programmable
- Heater output adjustable
- Over temp. cutoff.
- Timer / APGAR Timer
- Baby attending alarm
- Mute time programmable
- Audio Alarm mute facility

Auto Mode

Safety alarms, LCD messages

Skin Mode

- "Skin Temp. High" ($>0.5^{\circ}\text{C}$ of set temp.)
- "Skin Temp. Low" ($<0.5^{\circ}\text{C}$ of set temp.)
- "Skin Temp. Over Range" ($>38^{\circ}\text{C}$)
- "Skin Temp. Over Range" ($<34^{\circ}\text{C}$)
- "Skin Probe Fail"

Air Mode

- "Air Temp. High" ($>1.5^{\circ}\text{C}$ of set temp.)
- "Air Temp. Low" ($<3.0^{\circ}\text{C}$ of set temp.)
- "Air Temp. Over Range" ($>39^{\circ}\text{C}$)
- "Air Probe Fail"

Safety high temp. cutoff at

- Skin temp. $>38^{\circ}\text{C}$
- Air temp. $>39^{\circ}\text{C}$
- Power Fail
- Heater Fail (Optional)

Skin / Manual

- 1" bright skin temp. display
- Set temp. display
- Numeric % of heater output display
- Selection of Skin & Manual modes

Manual Mode

- Time programmable
- Heater output adjustable
- Over temp. cutoff.
- Timer / APGAR Timer
- Audio Alarm mute facility
- Mute time programmable

Skin Mode

Safety alarms with status LED

- "Temp. High" ($>0.5^{\circ}\text{C}$ of set temp.)
- "Temp. Low" ($<0.5^{\circ}\text{C}$ of set temp.)
- "Temp. Over Range" ($>38^{\circ}\text{C}$) / "Temp. Under Range" ($<34^{\circ}\text{C}$) (Actual temp. starts blinking)
- "Probe Fail"
- Power failure

Safety high temp. cutoff at 38°C

For air control low temp. limit ($<34^{\circ}\text{C}$) can be programmed.

Tested as per following IEC Standards :
IEC 601-1:1998 + A1:1991 + A2:1995
IEC 601-2-21:1994
IEC 60601-1-2, 2001, 2nd Edition
Amendment A1:1996 to IEC 60601-2-21:1994

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