

NEOTHERM INTELLIGENT INFANT WARMER

IW7000 Series

Heater Unit

Ceramic Heater with parabolic reflector

Swivels 90° on both sides

Inbuilt Observation Lamp

Temperature Control

Microcontroller based ServoTemperature Control (PID)



Monitor Tray

Capable of holding up to 10 kg weight

More than two infusion pumps can be clamped on Stainless Steel Rod

IV Saline Stand Height can be adjusted

Bassinet

Oval Shaped ABS Molded Baby Tray

Unbreakable Polycarbonate Drop-down and lock-able side support

X-ray Cassette Facility

Smooth Bed Tilting

Strong Shelf

Optional Modules



LED Phototherapy from Below



Inbuilt Resuscitation Module with T-Piece



Inbuilt LED Photo-therapy from above



Inbuilt SpO2 Module



IW7200 - Neotherm D20 Infant Warmer

Lock-able Castor wheels



TECHNICAL SPECIFICATIONS

Dimensions

WIDTH	90 cm
DEPTH	110 cm
HEIGHT	185 cm
MATTRESS SIZE	70 cm x 50 cm x 4 cm
MONITOR TRAY SIZE	27 cm x 32 cm

Features

HEATER	Ceramic Heater - 650W
HEATER ROTATION	±90° on both sides
REFLECTOR	Parabolic Reflector
OBSERVATION LAMP	50W Hazzle Free Halogen lamp
MONITOR TRAY	ABS Plastic Molded
SIDE PANELS	Unbreakable Polycarbonate drop down
WHEELS	Strong Castor wheels with 2 brake
MATTRESS	Waterproof, Washable, Flame Resistant
MATTRESS FOAM DENSITY	21- 25 kg/m ³
IV POLE	Adjustable Height with two poles
INFUSION PUMP STAND	Stainless Steel rod
TEMPERATURE SENSOR	Thermistor based NTE Sensors with high resolution

Temperature Control

SUPPLY VOLTAGE	190V - 250 VAC
SUPPLY FREQUENCY	50 - 60 Hz
POWER CONSUMPTION	750W
TEMPERATURE DISPLAY	Celcius / Farnheit
TEMPERATURE RANGE	10°C - 50°C
TEMPERATURE RESOLUTION	0.1°C
TEMPERATURE ACCURACY	± 0.2°C
SET TEMPERATURE RANGE	30 - 38°C in 0.1°C increment
HEATER OUTPUT	0 - 100% in 1% increment
MODES OF OPERATION	Baby, Air, Manual
TIMER	0 to 99 min
MANUAL MODE TIMER	15 mins
ALARMS	Audio and Visual

Alarms

HIGH TEMPERATURE	If Temp > Set Temp + 1°C
LOW TEMPERATURE	If Temp < Set Temp - 1°C
OVERHEAT	If Temp > 38°C (Baby) / 39°C (Air)
SENSOR FAILURE	Sensor disconnection / not working
POWER FAILURE	If Power fails
BATTERY FAILURE	Rechargeable battery for power failure
SYSTEM FAILURE	If system hangs
HEATER FAILURE	If Heater stops working

NEOTHERM Control

Computerized Software Based PID Servo Control System. PID is the most advanced servo control system which considers even smallest change in temperature

IW7100 - Neotherm D10



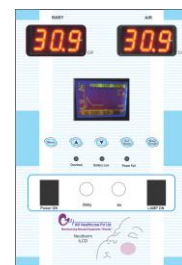
Skin Temperature Display
 Modes: Auto, Manual
 Display: Segment LED
 Heater % Display: Bar Graph

IW7200 - Neotherm D20



Skin & Air Temperature Display
 Modes: Baby, Air, Manual
 Display: Segment LED
 Heater % Display: Bar Graph

IW7300 - Neotherm iLCD



Skin & Air Temperature Display
 Modes: Baby, Air, Manual
 Display: Graphic LCD Display
 Temperature Trends, Realtime clock, Programmable Timers

IW7400 - Neotherm iWarm



Skin & Air Temperature Display
 Modes: Baby, Air, Manual
 Display: 5.6" Color TFT Screen with touch screen
 Temperature Trends, Realtime clock, Programmable Timers

* AVI Healthcare Pvt Ltd reserves right to make changes without notice in design, specifications and models

Manufactured by:



Manufacturing Neonatal Equipments "Glocally"

ISO 13485:2016
 CERTIFIED COMPANY



Address : 25, Nanddeep Industrial Estate, Kondivita Lane,
 Andheri East, Mumbai - 400059, Maharashtra, India
 Telephone : +91 22 28320452/ +91 22 28326240
 Email : sales@avihealthcare.com

Tested as per following EC standards:
 EN 60601-1:2006/A1:2013
 EN 60601-1-2:2015
 EN 60601-1-6:2010
 EN 60601-1-8:2007/A11:2017
 EN 60601-1-2-21:2009