

NEOTHERM INTELLIGENT INFANT WARMER IW 4000 Series



IW 4200W - Wall Mounted



IW 4200S - Stand Warmer



**IW 4100S - Stand Warmer
with Height Adjustment**



**IW 4100S - Stand Warmer
with Detachable Trolley**

Heater Unit

Ceramic Heater with parabolic reflector

Swivels 90° on both sides

Inbuilt Observation Lamp

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

Rectangular Trolley in Mild
Steel or Stainless Steel
construction with High
Grade Powder Coating

Unbreakable Polycarbonate
Drop-down and lock-able
side support

Easy Mattress Tilting in both
directions

X-ray Cassette facility can be
provided

Strong Shelf

**IW 4100 - Neotherm
D10 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

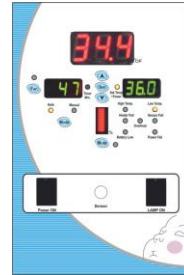
Alarms

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

IW 4100 - Neotherm D10



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

IW 4200 - Neotherm D20



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

IW 4300 - Neotherm iLCD




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

IW 4400 - 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:

AVI Healthcare Pvt Ltd
 Manufacturing Neonatal Equipments "Glocally"

ISO 13485:2003
 CERTIFIED COMPANY



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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/AC:2010
 EN 60601-1-2-21:2009