

NEOTHERM INTELLIGENT ADVANCED INFANT WARMER

IW6000 Series

Heater Unit

Fibre molded Heater Unit
with Ceramic Heater
Swivels 90° on both sides

Inbuilt Observation Lamp

Accessories Rail

Long Side Rod for Multiple
Monitor trays, IV Pole,
Infusion Pumps

IV Saline Stand Height can be adjusted

Monitor Tray

Capable of holding more up to
10 Kg weight

Swivelling, adjustable rotatable
Monitor Tray

Strong and sturdy surface

Bassinet

Oval Shaped ABS Molded
Baby Tray

Unbreakable Polycarbonate
Drop-down and Lock-able side
support

X-Ray Cassette Facility

Smooth Bed Tilting

Electronic Height Adjustment

Lock-able Castor wheels

**IW6400 - Neotherm
iWARM Infant Warmer**



Features

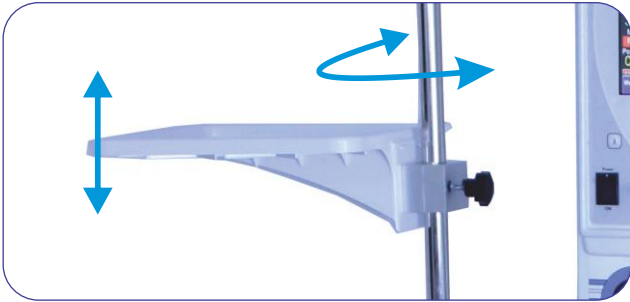
Heater Unit

Molded Fibre Heater Box with Ceramic Heater provides uniform heat all over the bassinet

Heater unit can be swiveled by 90° on both sides for X-Ray unit over mattress



Monitor Tray



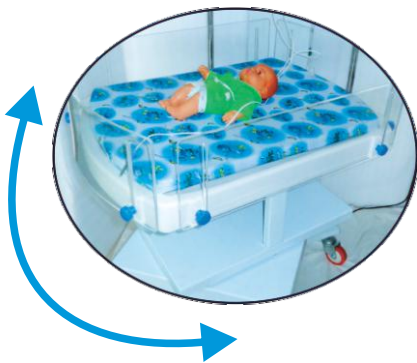
ABS Molded Monitor tray is strong, sturdy and can be swivelled or height adjusted as per convenience of the user.

Inbuilt Observation Lamp



50W Halogen Lamp to observe the baby in clear daylight

360° Bed Rotation



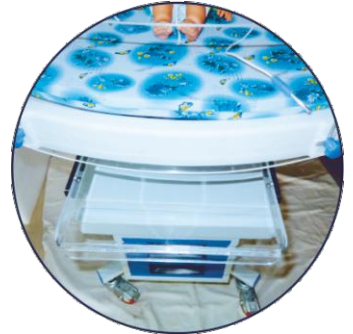
Easy Access to newborn during surgery
Now you can rotate the bed and adjust newborn's position

Smooth Bed Tilting



Trendelenburg and reverse trendelenburg possible in a smooth manner

X-Ray Cassette Tray

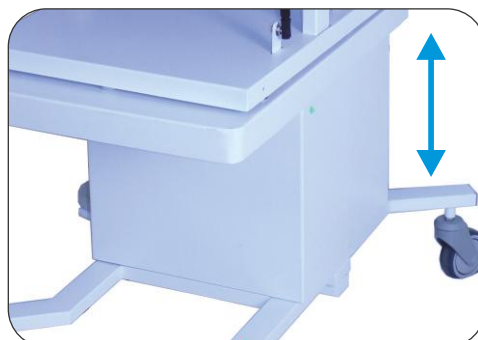


Transparent X-Ray Cassette Tray without disturbing the baby

Provision for Under-surface Phototherapy



Electronic Height Adjustment operated with Foot Switch



Polycarbonate drop-down and Lock-able Side Support



NEOTHERM Temperature Control

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

IW6100 - Neotherm D10



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

IW6300 - Neotherm iLCD



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

IW6200 - Neotherm D20



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

IW6400 - 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

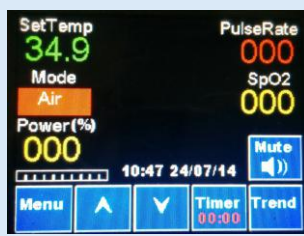
Optional Modules

Inbuilt CPAP Module



Inbuilt CPAP Module with Air O2 Blender / Mixer Servo Humidifier, Bubble CPAP Generator Reusable Breathing Circuits, Nasal Prongs etc

Inbuilt SpO2 Module

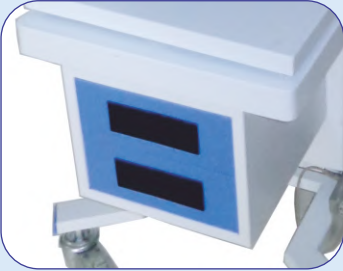
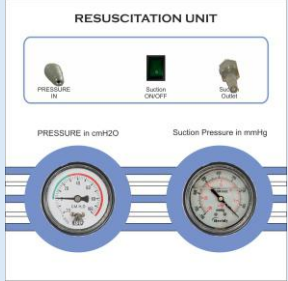


Inbuilt Pulse Oximeter Module powered by **NONIN, Next Generation PureSAT Technology**
 Display of Pulse Rate and SpO2 with alarms

Inbuilt Easy Resuscitation Module with T-Piece



Inbuilt Resuscitation Module

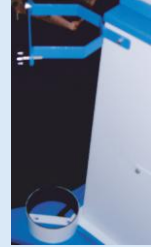


Inbuilt Drawer Box

Inbuilt LED Photo-therapy from above



Oxygen Flowmeter



Provision for Oxygen Cylinder



Slow Suction Unit (External)

TECHNICAL SPECIFICATIONS

Dimensions

WIDTH	100 cm
DEPTH	130 cm
HEIGHT	185 cm - Adjustable
MATTRESS SIZE	70 cm x 50 cm x 4 cm
MONITOR TRAY SIZE	27 cm x 32 cm

Temperature Control

SUPPLY VOLTAGE	190V - 250 VAC
SUPPLY FREQUENCY	50 - 60 Hz
POWER CONSUMPTION	750W
TEMPERATURE DISPLAY	Celcius / Farheneit
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

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

Optional Module Specifications

Inbuilt Easy Resuscitation Module with T-piece

PEAK INSPIRATORY PRESSURE (PIP)	5-70 cmH2O @ 8LPM
POSITIVE END EXPIRATORY PRESSURE (PEEP)	1-10 cmH2O @8 LPM
AIRWAY PRESSURE MANOMETER	-20 - 80 cmH2O

Inbuilt Resuscitation Module with Suction

PRESSURE MANOMETER	-20 to 100 cmH2O
FLOWMETER RANGE	0 to 15 LPM
SUCTION	0 to -100mmHg
CONTAINER CAPACITY	500 mL

Inbuilt Pulse Oximeter Module

NONIN, Next Generation PureSAT Technology

Oxygen saturation display	0-100% SpO2
Pulse Rate Range	18 to 300 pulses per minute

Inbuilt CPAP with Air/O2 Blender Module

OXYGEN RANGE	21% - 100%
MAXIMUM OPERATIVE PRESSURE	5.2 ATM
OPERATING PRESSURE RANGE	2.1 - 5.2 BAR
FIO2 ACCURACY	±3% (Full Scale)
MAXIMUM COMBINED FLOW	≥30 LPM
CPAP PRESSURE	0 to 10 cmH2O

Inbuilt CPAP with Air/O2 Mixture Module

MAXIMUM OPERATIVE PRESSURE	4 ATM
OPERATING PRESSURE RANGE	2.5 - 3.5 BAR
FLOWMETER RANGE	0 - 15 LPM
CPAP PRESSURE	0 to 10 cmH2O

Inbuilt LED from above Module

IRRADIANCE	>40uW/cm2/nm
LAMP LIFE	30,000 Hours

* 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



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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/A11:2017
EN 60601-1-2-21:2009