



ISO 13485:2003
Certified



Neotherm Premature Baby Incubator

With a promise to enhance every newborn's initial experience to our world we deliver superior quality care and comfort. With modern designing & advanced technology, we have developed **Neotherm Premature Baby Incubator** in such a way that temperature level can be maintained uniform with minimum possible over & under shoots via unidirectional airflow mechanism

Our Premature Baby Incubator range includes following models:

- » PBI 1100 - D10 Temperature control - Baby mode, Digital Humidity
- » PBI 1200 - D20 Temperature control - Air and Baby mode, Digital Humidity
- » PBI 1300 - Graphic LCD (iLCD) Temperature control - Air and Baby mode, Digital Humidity
- » PBI 1400 - Touch Screen (iWARM) Temperature control - Air and Baby mode, Digital Humidity

PBI1400 PREMATURE Baby Incubator with HEIGHT ADJUSTMENT

Transparent Acrylic Canopy with
4 PORTS and 1 Door
OPTIONAL: Double Wall Canopy

IV Pole with
adjustable height

Hygrometer
for Humidity
Measurement

Smooth Bed
Tilting without
disturbing baby

Water Tank
for Humidity

Digital Humidity
Control

Storage Drawers

Foot Switch for
Height Adjustment

Lockable Heavy Duty
Castor Wheels



PBI1200 PREMATURE Baby INCUBATOR



IV Pole with adjustable height

Transparent Acrylic Canopy with 4 PORTS and 1 Door
OPTIONAL: Double Wall Canopy

Hygrometer for Humidity Measurement

Smooth Bed Tilting without disturbing baby

Digital Humidity Control

Water Tank for Humidity

Storage Cabinet

Lockable Heavy Duty Castor Wheels

TECHNICAL SPECIFICATIONS

Dimensions

WIDTH	71 cm
DEPTH	45 cm
HEIGHT	142 cm
MATTRESS SIZE	53 cm x 33 cm x 2.5 cm
WEIGHT	70 Kg

Temperature Control

SUPPLY VOLTAGE	190V - 250 VAC
SUPPLY FREQUENCY	50 - 60 Hz
POWER CONSUMPTION	450W
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, Digital Humidity
TIMER	0 to 99 min
MANUAL MODE TIMER	15 mins
ALARMS	Audio and Visual

Features

HEATER	Cartridge Heater - 450W
WHEELS	Strong Castor wheels with 2 brake
IV POLE	Adjustable Height with two poles
INFUSION PUMP STAND	Stainless Steel rod
MATTRESS	Waterproof, Washable, Flame Resistant
MATTRESS FOAM DENSITY	21- 25 kg/m ³
TEMPERATURE SENSOR	Thermistor based NTE Sensors with high resolution

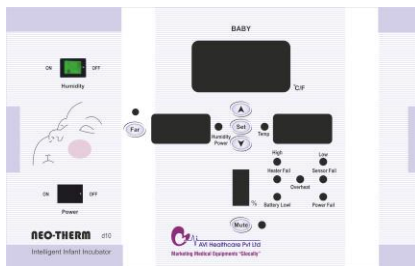
Alarms

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
FAN FAILURE	If Fan stops working
LOW HUMIDITY	If Humidity level is low

NEOTHERM Temperature Control

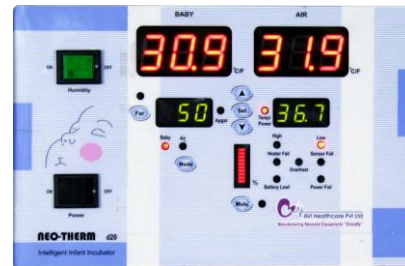
Computerized Software Based PID Servo Control System. PID is the most advanced servo control system which considers even smallest change in temperature

PBI 1100 - Neotherm D10



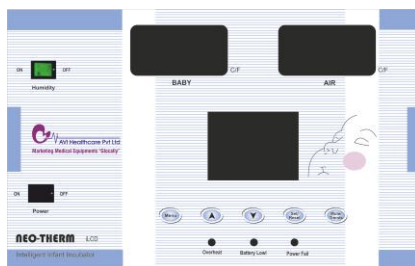
- Skin Temperature Display
- Modes: Baby, Digital Humidity
- Display: Segment LED
- Heater % Display: Bar Graph

PBI 1200 - Neotherm D20



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

PBI 1300 - Neotherm iLCD



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

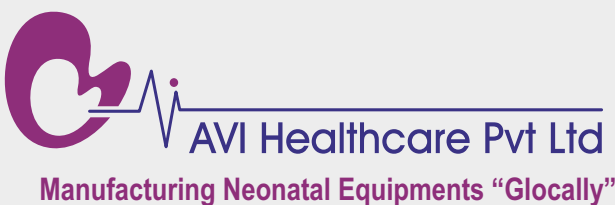
PBI 1400 - Neotherm iWARM



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

Manufactured by:

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



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