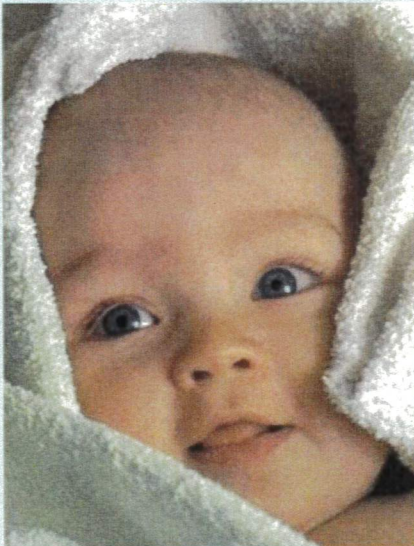


NEONATAL CARE.  
Warm. Dedicated.



The most critical equipment  
for the cutest thing in the world.

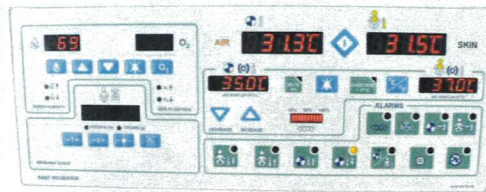


# An Infant's smile is infinitely precious.

The newborn is not just a bundle of joy. It's a beautiful example of hope and wonder, and itself. To protect it during the critical neonatal stage, and see it glowing with health is a labour of love. Neotech infuses the same warmth and dedication into its effort in making the finest neonatal intensive care equipment.

Neotech Incubators, made to international standards, embody Precision, Reliability and Convenience.

- 1 Micro-processor Control**  
Ensures accurate monitoring of climate within the incubator. Guarantees maximum patient-safety.
- 2 Clear text display of operating and alarm situation**  
Permits immediate assessment of the operational status while concentrating entirely on the newborn.
- 3 Detachable Control /unit**  
Facilitates quick exchange of control unit, thus minimizing downtime
- 4 Touch-operated, liquid-proof foil Control Panel**  
Allows fast, easy and hygienic disinfection.
- 5 Simultaneous Skin, Air and Set Temp Display**  
Indicates newborn's skin temperature and the actual surrounding air temperature.
- 6 Memory back-up**  
Helps restore set temperature and control mode automatically (in the event of power failure)
- 7 Programable Mute Time**  
2-20 min. range offers greater flexibility and reliability.
- 8 Dual skin-sensor in a single probe**  
Guarantees uninterrupted, reliable functioning in the event of failure of one sensor.
- 9 Stand with swivel-utility rails and monitor console**  
Affords easy-to-read and accessible arrangement of all vital monitors.
- 10 Externally-operated trendle and fowler positioning.**  
Allows immediate shockless adjustment of the bed -angle to the medical requirements of the newborn.
- 11 Maximum bed dimensions**  
Provide optimum work-area for nurses, thus maintaining comfort of the newborn.
- 12 Humidity Control Chamber**  
Helps maintain humidity inside the incubator. Designed for easy cleaning and draining.
- 13 Built-in Observation Light**  
Enables easy examination of the newborn.



- 14 Withdrawable baby-tray**  
Gives unimpeded access to the newborn.
- 15 Large front door**  
Facilitates daily routine work and access to the newborn.
- 16 Separate X-ray cassette compartment**  
Ensures accuracy and reduces exposure time.
- 17 Self-supporting tube and lead apertures**  
Facilitate fast and safe insertion of tubes and cords for patient-monitoring and therapy.
- 18 Canopy with hinges**  
Enable easy cleaning inside the incubator.
- 19 All operating and control elements on the front**  
Enable quick and easy operation.
- 20 Single-mould 5 elbow-operated ports**  
Allows easy access and eliminates cross-infections.
- 21 Micro Air Filters**  
Prevents entry of microbes through air inlets
- 22 X-ray scaling and Catheter-measuring Scale**  
Affords convenience and helps save time.
- 23 2 separate base cabinets**  
For compartmentalized accommodation of all necessary nursing equipment, and other important items.
- 24 Built-in, integrated Oxygen Flow meter**  
Helps regulate dry oxygen inflow into the incubator.



Canopy with unique hinging system



Withdrawable baby-tray with large front door



Humidity Control Chamber and Micro air filter



2 Separate base cabinets  
Central supply bronchial aspirator,



Venturi slow suction and flow meter with humidifier jar

# Technical Specifications

Electrical connection	AC 230 V, 50Hz, 2A	SET TEMPERATURE RANGE	
Max Power rating	400W+/-10%	Air mode	20° C to 39° C
	600W+/-10% (variable height)	Skin mode	30° C to 38° C
Incubator control	Air and Skin temperature	OXYGEN CONCENTRATION	
	Air temperature only (Option)	Oxygen input 5 lpm	20° C to 39° C
Air mode	Accuracy $\pm$ 0.2° C	Oxygen input 5 lpm	35° C to 60° C
Skin mode	Accuracy $\pm$ 0.2° C	Oxygen input 5 lpm	45° C to 70° C
Max. temperature	39° C	Humidification	Low/height <80%
Warm-up time	25-30 min per 10° C	ALARMS (acoustical and optical)	
Initial Temp overshoot	0.8° C	- skin temperature low	
Sensor	Thermistor	- skin temperature height	
Probe interchangeability	Accuracy $\pm$ 2° C	- Air temperature low	
	(calibration not required)	- Air temperature height	
Temperature probe	Dual sensor technology	- Air failure (Due to blocked filter or mechanically stuck fan)	
Noise level inside incubator	<50 db	- Heater failure	
Air velocity over the bed	<25 cm/sec	- Air probe failure	
Relative humidity	>80% at 10 cm over the bed center	- Skin probe failure	
Air in take volume with filter	25l/min	- Temperature > 39° C in any mode	
Air in take volume without filter	250l/min	- Power failure	
Bed tilting	+ 8° infinitely variable	- Circuit fault	
DIMENSIONS / WEIGHT		Safety	
Overall width	960 mm	Heater is electronically cut off	
Overall height	1290 mm - 1090 mm	if air/skin temperature inside incubator exceeds 39.0° C	
Height of bed	900 mm - 1090 mm	Optional	
Overall depth	595 mm	Vacuum regulator for slow suction control.	
Dimensions of bed	700 mm x 400 mm	Venturi slow suction and oxygen flow meter with humidifier jar.	
Weight	110 kg	Observation light.	
Castors	4" diameter antistatic (2 locking and 2 non-locking)	Test/Approval	
		Electrical safety Standard IEC 60601-1	
		Factory Warranty	
		one year in accordance with warranty terms	

Any configuration suitable to your requirements can be provided

Specifications subject to change for reasons relating to product improvement



## nice Neotech Medical Systems Pvt.

AN ISO 13485:2016 Company(with design)

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