



NEOKRAFT®

ISO 13485 -2016 Certified Company



April 2023

PRODUCT PORTFOLIO

NEO Shield- Series®

Creating New Dimensions for Neonatal & Child Care



Bubble CPAP & HFNC



LED Phototherapy



Infant Warmer

www.neokraftmedical.com

NEO 500Dx-IRU Series

Comprehensive Neonatal Intensive Care Unit

Perfect combination of Infant Warmer with top LED Phototherapy and inbuilt Resuscitation trolley

WARMER

RESUSCITATOR

PHOTOTHERAPY

SUCTION

OXYGENATION

Modes of Operation

SERVO SKIN

AIR

PRE-WARM

MANUAL

Microprocessor servo controller with safety independent high temperature cut off facility. User friendly easy to operate control options with combination of Large LED and LCD displays with all safety alarm indications.

LED Phototherapy [Optional]

Unique design latest high bright super LED top surface Phototherapy with digital timer for total lamp usage and patient exposure time count

T-Piece Resuscitator [Optional]

RESIPUFF -1050 inbuilt T-Piece Resuscitator for resuscitation purpose to safely inflate the Baby's lung and provide optimum oxygenation by delivering consistent PIP & PEEP avoiding the risks of under or over inflation of uncontrolled pressures

Baby Bed

Newly designed oval shape baby tray with three sides collapsible clear acrylic panels. Unit made with high quality FRR [Fire Retardant Resin] grade fiber material for extra safety from fire, electric shocks and corrosion. Head up & down tilting facility for baby tray with 360° rotation. Clear acrylic base for X ray cassette compartment.



Electric Motorized height adjustment [Optional]

The height of the baby bed adjustable along with warmer control unit upto 200mm Height using foot operated switch.



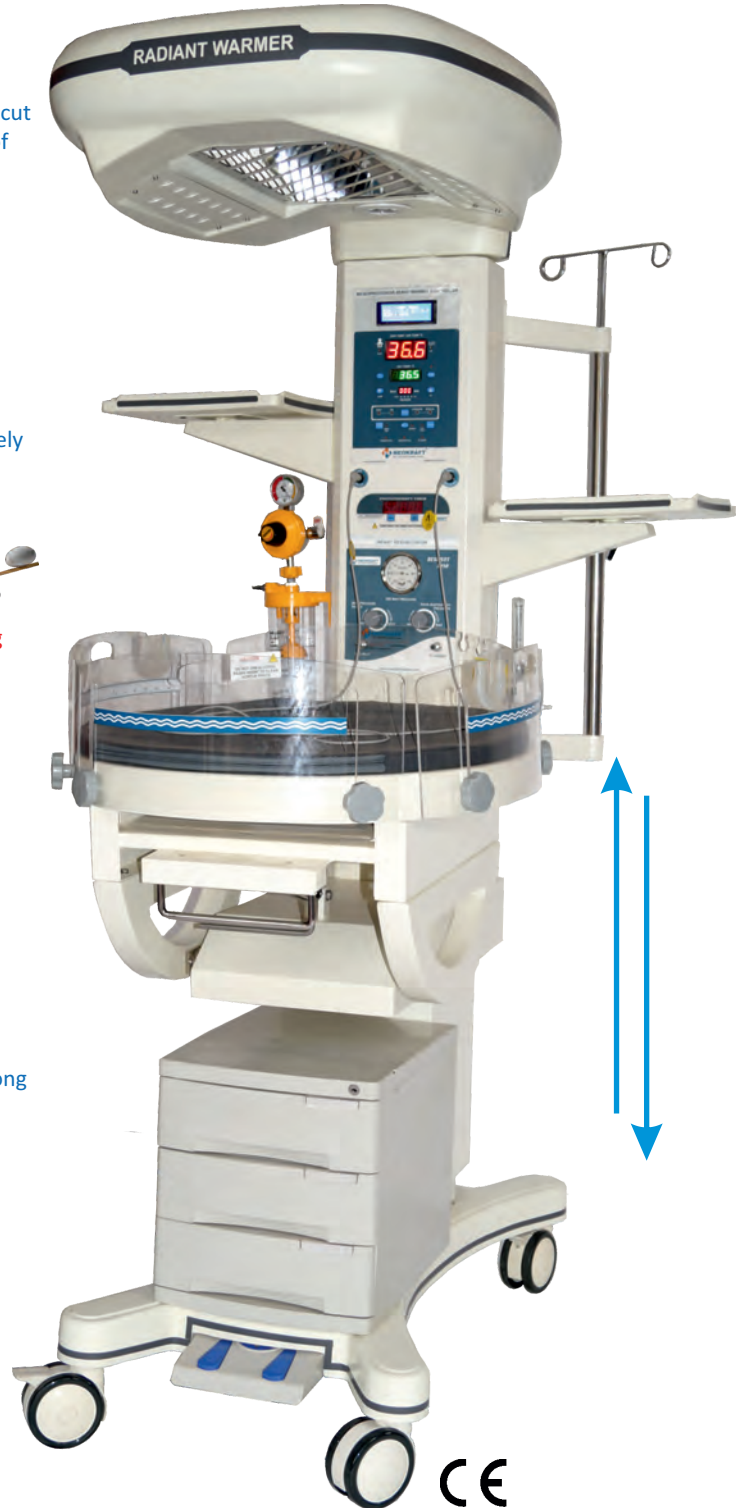
Low noise jerk free height adjustable

Oxygenation

Inbuilt Oxygen regulator with flow meter, having flow 1-15 Liter/Minute, along with manual resuscitator.

Suction

Inbuilt specially designed low noise electric operated slow suction unit with pressure regulator



Model Number	Equipment Description
Neo 500 Dx IRU	Infant Warmer with Resuscitation facility
Neo 510 Dx IRU	Infant Warmer with Top Surface LED Phototherapy and Resuscitation facility

Comprehensive Neonatal Intensive Care Unit
Model : NEO 510 Dx IRU

Electric motorized height adjustment is optional in all variants

NEO 500Dx - Series

Modes of Operation

- SERVO SKIN
- AIR
- PRE-WARM
- MANUAL

Microprocessor servo controller with safety independent high temperature cut off facility. User friendly easy to operate control options with combination of Large LED and LCD displays with all safety alarm indications.

LED Phototherapy [Optional]

Unique design latest high bright super LED top surface Phototherapy with digital timer for total lamp usage and patient exposure time count

Electric Motorized height adjustment [Optional]

The height of the baby bed adjustable along with warmer control unit upto 200mm Height using foot operated switch.

Baby Bed

Newly designed oval shape baby tray with three sides collapsible clear acrylic panels. Unit made with high quality FRR [Fire Retardant Resin] grade fiber material for extra safety from fire, electric shocks and corrosion. Head up & down tilting facility for baby tray with 360° rotation.. Clear acrylic base for X ray cassette compartment.



Electric Motorized height adjustment



CE

CE

Comprehensive Infant Warmer
Model : NEO 500 Dx

Comprehensive Infant Warmer
with Top LED Phototherapy
Model : NEO 510 Dx

Electric motorized height adjustment is optional in all variants

NEO 500- Series

Neonatal Intensive Care Warmer

Innovative Neonatal Health Care Solutions

Heater Source Box made with FRR fiber for ultimate safety

Swiveling source box to take X-ray & procedures

Microprocessor Servo Controller Modes of Operation

SERVO SKIN AIR PRE-WARM MANUAL

Both sides Monitor Trays

IV Stand to mount multiple syringe or infusion pumps

Oval shape baby tray with three sides collapsible clear acrylic walls, Baby tray head up & down tilting facility

Middle Tray provision for bottom surface Phototherapy unit

Lower Tray for Utility

Mounted on anti skid castors with locking facility



Radiant Warmer Model : NEO 500



Radiant Warmer with Top LED Phototherapy Model : NEO 510



Radiant Warmer with Top LED Phototherapy and lower drawers Model : NEO 510D



Latest high bright super LED top surface Phototherapy with Digital Timer



Control Panel

NEO 400- Series

Neonatal Intensive Care Warmer

Heater Source Box made with FRR fiber for ultimate safety

Swiveling source box to take X-ray & procedures

Microprocessor Servo Controller

Modes of Operation

SERVO SKIN AIR PRE-WARM MANUAL

Two Monitor Trays

IV Stand to mount multiple syringe or infusion pumps

Oval shape baby tray with three sides collapsible clear acrylic walls, Baby tray head up & down tilting facility

Middle Tray provision for bottom surface Phototherapy unit

Lower Drawer for Utility

Mounted on anti skid castors with locking facility



Radiant Warmer
Model : NEO 400



Radiant Warmer with Top LED Phototherapy
Model : NEO 410



Radiant Warmer with
Bottom Surface LED Phototherapy
Model : NEO 400 & NEO 230

*Proven Excellent
Clinical Performance*

Modes of Operation

SERVO SKIN AIR PRE-WARM MANUAL

- > Micro processor based servo controller
- > Skin, Pre-warm & Manual control (Air mode optional)
- > Two bright digital displays combination of RED and GREEN continuous monitoring of baby temp and set temp, set temp easily convertible from °C to °F
- > Baby tray with high standard mattress, four sides clear acrylic walls, with front and both the sides collapsible, baby tray tilting facility both head up & head down, clear acrylic base for under surface Phototherapy.
- > German make ceramic heater with parabolic reflector to maintain uniform temp across the mattress with swiveling source box easy to take X-ray and procedures



Radiant Warmer Stand
Model : NEO 320



Radiant Warmer with Fixed Baby Cradle and Lower Drawers
Model : NEO 310



Infant Trolley
Model : NEO 600



Radiant Warmer with Fixed Baby Cradle
Model : NEO 300

WARMER

SUCTION

OXYGENATION

INTUBATION

German make ceramic heater with parabolic reflector to maintain uniform temp across the mattress with swiveling source box easy to take X-ray and procedures

Microprocessor Servo Controller
Modes of Operation

SERVO SKIN AIR PRE-WARM MANUAL

Oxygen Regulator with humidifier bottle

Resuscitation Kit

Foot Operated Suction Apparatus

Radiant Warmer with Resuscitation
Model : NEO 300IRU

Radiant Warmer with Resuscitation Unit with Lower Drawers
Model : NEO 310IRU

Monitor Tray

Suction Jar with Pressure Regulator

Baby tray with four sides clear acrylic panels, front and both the sides collapsible, baby tray head up & down tilting facility

Middle Tray provision for bottom surface Phototherapy

Space for Oxygen Cylinder [optional]

Electric Slow Suction Apparatus

Mounted on anti skid castors with locking facility

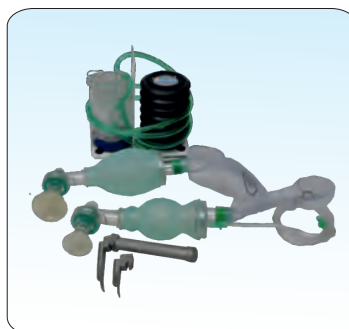
Other Resuscitation Units



Manual Resuscitator



Infant Oxygen Hood



Resuscitation Kit



Slow Suction Apparatus

NEO 100- Series

Neonatal Intensive Care Warmer

- Micro processor based servo controller
- Skin & Manual control (Air mode optional)
- Two bright digital displays combination of RED and GREEN continuous monitoring of baby temp and set temp, set temp easily convertible from Centigrade to Fahrenheit
- Baby tray with high standard mattress, four sides clear acrylic walls, with front and both the sides collapsible, baby tray tilting facility both head up & head down, clear acrylic base for under surface Phototherapy.
- German make ceramic heater with parabolic reflector to maintain uniform temp across the mattress with swiveling source box easy to take X-ray and procedures

Modes of Operation

SERVO SKIN

MANUAL

AIR (OPTIONAL)



Radiant Warmer with Fixed Baby Cradle
Bottom Surface LED Phototherapy
Model : NEO 100 & NEO 230



Control Panel



Radiant Warmer with Fixed Baby Cradle
Model : NEO 100

Bili Flux NEO 200 Sleek

Treat Neonatal Jaundice with Confidence

- LED Phototherapy stand with 18 high bright super LEDs, Blue LED lamps specially made for Jaundice treatment
- 4 High bright white LEDs for observation (optional).
- LED life time is **one lakh** burning hours i.e, more than 25 times compared to any other conventional phototherapy lamps.
- Digital timer for total lamp usage and patient exposure.
- Treatment irradiance at skin level up to $60\mu\text{w}/\text{cm}^2/\text{nm}$ at 30cm with wave length 420 to 500nm.
- Only 18 watts power consumption, up to 80% power saving.
- Up to 30% faster serum bilirubin breakdown compared to conventional phototherapy.
- Optical design ensures uniform light distribution to the patient surface area.
- Microprocessor based LED light Intensity adjustable option from 10% to 100% with LCD timer controller (optional).



LED Phototherapy Stand with Baby Trolley
Model: NEO 210 Sleek



LED Phototherapy Stand
Model: NEO 200 Sleek
with LCD Timer

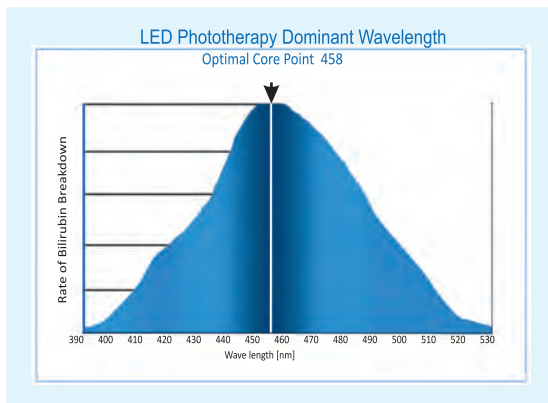
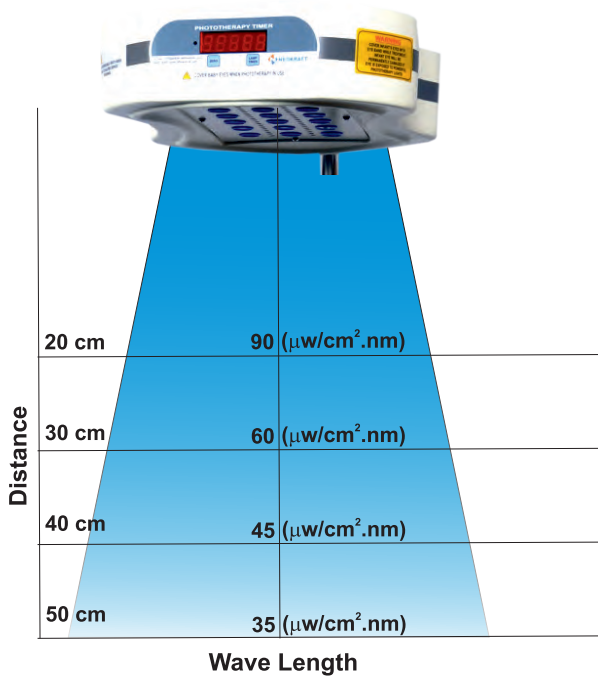
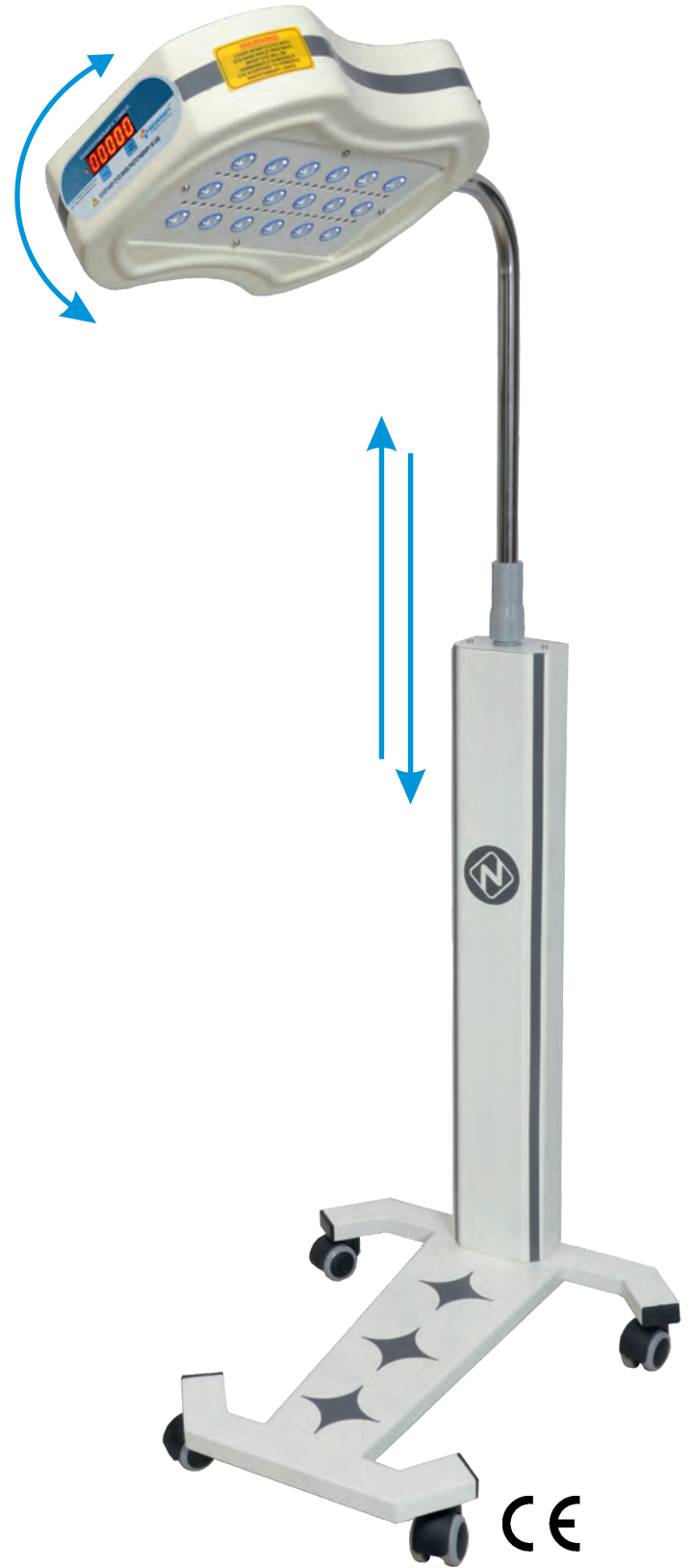


LED Phototherapy Stand
Model: NEO 200 Sleek

Bili Flux NEO 200 - Series

Treat Neonatal Jaundice with Confidence

- LED Phototherapy with 18 high bright super LEDs, LED lamps specially made for Jaundice treatment.
- LED life time is **one lakh** burning hours i.e, more than 25 times compared to any other conventional phototherapy lamps.
- Treatment irradiance at skin level up to $60\mu\text{w}/\text{cm}^2/\text{nm}$ at 30cm with wave length 420 to 500nm.
- Digital timer for total lamp usage and patient exposure.
- Only 18 watts power consumption, up to 80% power saving.
- Up to 30% faster serum bilirubin breakdown compared to conventional phototherapy.
- Optical design ensures uniform light distribution to the patient surface area.



**LED Phototherapy Stand
Model: NEO 200**





LED Phototherapy Stand with Trolley
Model : NEO 210



Double Surface LED Phototherapy
Model : NEO 220



Infant Trolley
Model : NEO 600



Phototherapy Eye Band



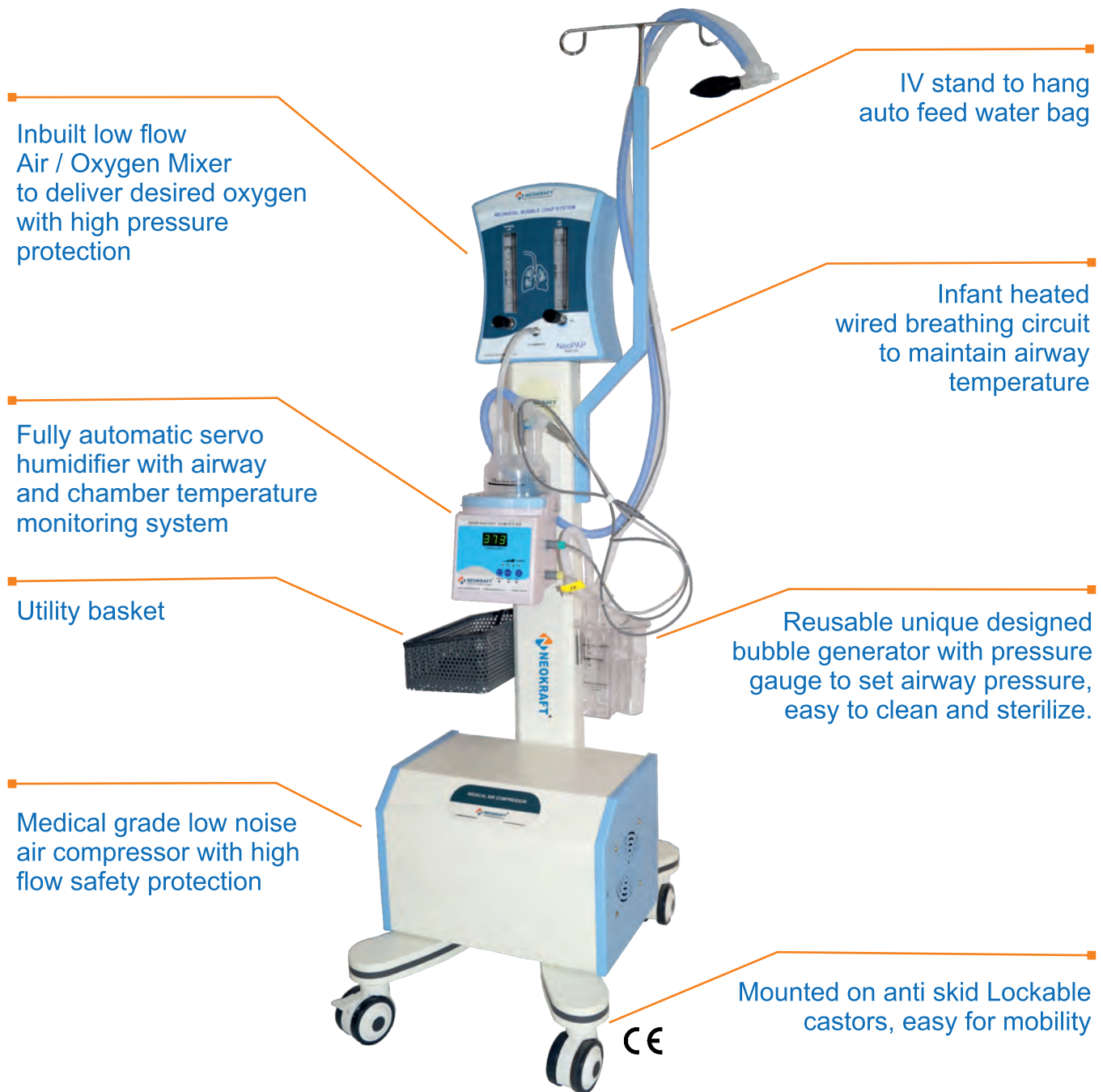
LED Bottom Surface Phototherapy
Model : NEO 230

NEOPAP - 305

Bubble CPAP System

Neo PAP 305

NeoPAP 305 Infant Bubble CPAP System to Providing safe and effective continuous positive airway pressure support, it comes with inbuilt Air / Oxygen mixer to deliver desired oxygen and inbuilt Servo Humidifier with heated wired breathing patient tubing with inbuilt medical grade low noise air compressor.



Infant Bubble CPAP System with HFNC (High Flow Nasal Cannula) Model: OxyFlow 305

Easily convertible from Bubble CPAP to HFNC therapy for use with Neonatal, Pediatric and Adult patients. Inbuilt Air / Oxygen Blender with multiple options of flow meters, ranging from 0.1 Lpm to 60 Lpm Inbuilt fully automatic servo humidifier with heated wired breathing patient tubing's to maintain airway temperature and humidification, wide range patient interface, Suitable for multiple applications like Bubble CPAP, High Flow Oxygen Therapy, Resuscitation procedures & Routine oxygen therapy



Air/Oxygen Blender

- > FiO₂ From 21% to 100% with Low & Hi pressure alarms, Accuracy ± 3 %
- > Dual flow options Low flow 0.1 to 10 Lpm and Hi flow 2.0 to 60 Lpm
- > Working Air & Oxygen Pressure 4 Kg/ 60Psi
- > Accuracy ± 3 %
- > Works on low flow – high flow input air / oxygen pressures



Servo Humidifier

- > Fully automatic servo Humidifier with invasive and non-invasive modes,
- > Heater wire heating system for inspiratory breathing circuits to maintain airway temperature.
- > Alarm indication facility for high temperature, low temperature, temperature sensor and heater wire failure.



Air Compressor

Compact inbuilt Low noise medical grade oil free air compressor with high pressure safety relief valve



HFNC Patient Tubing



Infant Patient Tubing



Adult Cannula



Neonatal Cannula



Bubble CPAP with HFNC
Model : OxyFlow 305
with Air Compressor

Bubble CPAP with HFNC
Model : OxyFlow 305
without compressor

RESIPUFF 1050

Infant T-Piece Resuscitator



RESIPUFF 1050 Infant T-Piece Resuscitator is a light weight easy to operate stand alone unit suitable for delivery wards, Neonatal care units, Operating rooms and Infant transport resuscitation purpose.

No power or battery is required

- Infant resuscitator will safely inflate the baby's lungs and provide optimum oxygenation by delivering consistent PIP & PEEP with each breath avoiding the risks associated with under or over inflation of uncontrolled pressures
- The patient T-Piece can connect to Neonatal masks or Endotracheal tubes directly.
- Different sizes of face mask which provides flexible in usage for different babies
- Inspiratory high pressure safety cut-off relief setting
- Peak inspiratory pressure setting (PIP)
- Positive end expiratory pressure setting (PEEP)
- Works on low flow from 5 L/m to 15 L/m
- Medical grade monometer to monitor PIP & PEEP delivered

Range of Air / Oxygen Blenders



**Air/Oxygen Blender
Model: O₂B-101**

- FIO₂ from 21% to 100%, accuracy ± 3%
- Flow Meter range 02-18 Liters/minute
- Working Air & Oxygen pressure 4 Kg/ 60Psi
- Low pressure alarm
- High pressure alarm



**Air/Oxygen Blender
Model: O₂B-102**

- Low flow - High flow Blender
- FIO₂ from 21% to 100%, accuracy ± 3%
- Flow meter range:
 1. Low Flow 0.1 to 01 Liters/minute (Left side)
 2. High flow 02-18 Liters/minute (Right side)
- Working Air & Oxygen pressure 4 Kg/ 60Psi
- Low pressure alarm
- High pressure alarm



**Air/Oxygen Blender
Model: O₂B-103**

- Low flow - High flow Blender
- FIO₂ from 21% to 100%, accuracy ± 3%
- Flow meter range:
 1. Low Flow 1.0 to 10 Liters/minute (Left side)
 2. High flow 06-60 Liters/minute (Right side)
- Working Air & Oxygen pressure 4 Kg/ 60Psi
- Low pressure alarm
- High pressure alarm
- Suitable for Bubble CPAP, nCPAP, Resuscitator, HFNC and ICU / NICU procedures for use with neonatal to adult patients

Range of Humidifiers



**Servo Humidifier
Model : RH-505**



**Servo Humidifier
Model : RH-350**



**Non-Servo Humidifier
Model : RH-305D**

- Fully automatic Servo controlled with invasive and non-invasive modes
- Dual heater wire adaptor option available
- Suitable for any brand Ventilators, Bubble CPAPs and HFNC units
- Compatible for neonate to adult patients Invasive Mode: 35-40°C, Default 39°C. Non-invasive Mode: 30-37°C, Default 34°C

Servo Controlled Infant Incubator

Model: INC 1001Dx



- **Modes of Operation: Servo Skin, Air, Pre Warm & Manual**
- Temperature setting from 19°C to 40°C, Temperature accuracy $\pm 2\%$
- Safety independent high temperature cut facility
- Double wall clear acrylic canopy with four port holes, baby front loading system
- Four inlets for administration of O₂, IV lines and Ventilator tubing's
- Baby tray tilting facility both head up and head down
- Centrifugal blower for fresh air circulation
- Water Tray to maintain humidity
- Lower drawer facility for utility and monitor tray with IV stand
- IRIS port to access the baby without opening canopy hood

Servo Controlled Infant Incubator

Model: INC 1001



- **Modes of Operation: Servo Skin, Air, Pre Warm & Manual**
- Temperature setting from 19°C to 40°C, Temperature accuracy $\pm 2\%$
- Safety independent high temperature cut facility
- Clear acrylic canopy with four port holes, baby front loading system
- Four inlets for administration of O₂, IV lines and Ventilator tubing's
- Centrifugal blower for fresh air circulation
- Water Tray to maintain humidity
- IRIS port to access the baby without opening canopy hood
- Bottom trays for utility purpose

Servo Controlled Infant Incubator

Model: INC 1002



- **Modes of Operation: Servo Skin, Air, Pre Warm & Manual**
- Temperature setting from 19°C to 40°C, Temperature accuracy $\pm 2\%$
- Safety independent high temperature cut facility
- Double wall clear acrylic canopy with four port holes, baby front loading system
- Four inlets for administration of O₂, IV lines and Ventilator tubing's
- Baby tray tilting facility both head up and head down
- Centrifugal blower for fresh air circulation
- Humidity concentration control systems with digital setting and digital display
- High and low alarm facility for humidity control
- IRIS port to access the baby without opening canopy hood
- Lower drawer facility for utility purpose

Servo Controlled Infant Transport Incubator

Model: TI 302

- Modes of Operation: Servo Skin, Air, Pre Warm & Manual
- Temperature setting from 19°C to 40°C
- Safety independent high temperature cut off facility
- Inbuilt Battery backup upto 2 hours
- Foldable trolley mounted on four anti-skid castors with locking facility
- Clear acrylic canopy with baby front loading system (Double wall canopy optional)
- Centrifugal blower for fresh air circulation
- Four inlets for administration of O₂, IV lines and Ventilator tubing's
- Provision for oxygen cylinder



Transport Incubator with Foldable Trolley



Transport Incubator with Ambulance stretcher

Infant Bassinet

Model: NEO 630

Newly designed single-moulded bassinets are well suited for all hospitals, NICUs, theatres and labour rooms.

Bassinets are safe and comfortable for babies.

Also, well suitable for baby transfer in wards, NICUs, Labour room and theatres
Baby mattress is made of biocompatible & waterproof material, easy to remove & wash



Bassinets available in colours - White, Pink, Blue

Infant Bassinet

Model: NEO 640



- Neokraft infant bassinets are safe and comfortable for babies.
- Mounted on high quality castors for smooth mobility and it can be locked in position using foot-operated brakes.
- Easy for shifting from place to place, also Bassinets are compatible with Phototherapy & Warmer equipment.
- Baby bed can be tiltable both head up & head down.
- Also baby bed Height adjustable up to 150mm
- Baby tub can be easily removed for cleaning.
- Below baby tub utility tray to keep infant's belongings and necessary medical items.
- Baby mattress is made of biocompatible & waterproof material, easy to remove & wash.

Digital Weighing Scales

Unique Digital Weighing Solution for Infant, Child & Adult

Infant weigh bed,
weighs up to 20 Kgs



Display Unit

**2-in-1 Digital Weighing Scale
Model MWS-201**

Folding child seat,
weighs up to 40 Kgs



Display Unit

Adult standing,
weighs up to 150 Kgs

**3-in-1 Digital Weighing Scale
Model MWS-301**



**Infant Digital Weighing Scale
Model IWS-100**



**Infant Digital Weighing Scale
Model IWS-101**

* Technical specifications may be altered by Neokraft without prior notice, accessories shown in the catalogue are not part of the standard equipment

Manufactured by:



NEOKRAFT MEDICAL PRIVATE LIMITED

18, 1st Cross, 11th Main, Tata Nagar, Sahakar Nagar [P],
BENGALURU - 560 092, INDIA.

Phone : (080) 2341 5855

Mobile : +91 9606 97 2901

E-mail : sales@neokraftmedical.com

Website : www.neokraftmedical.com

Channel Partner