

PRODUCT CATALOGUE



NEO Shield- series™

Creating New Dimensions for Neonatal & Child Care



CE



www.astermedicalsistemas.com



NEOKRAFT™
ISO 13485 Certified Company

NEO 500- Series

Innovative Neonatal Health Care Solutions



**Radiant Warmer
Model : NEO 500**



Latest high bright super flux LED top surface phototherapy with digital timer



**Radiant Warmer with
Top LED Phototherapy
Model : NEO 510**

NEO 300- Series

*Proven Excellent
Clinical Performance*

- Micro processor based servo controlled electronic controller
- Skin and manual control
- Two bright digital displays combination of RED and GREEN continues monitoring of baby temp and set temp, set temp easily switchable to $^{\circ}\text{C}$ to $^{\circ}\text{F}$
- Baby tray with high standard mattress, four sides clear acrylic walls with front and both 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 Fixed Baby Cradle and Lower Drawers
Model : NEO 310**



**Radiant Warmer with Fixed Baby Cradle
Model : NEO 300**



**Radiant Warmer Stand with Detachable Baby Cradle
Model : NEO 320 & NEO 600**



**Radiant Warmer Stand
Model : NEO 320**

LED Phototherapy

Treat Neonatal Jaundice with Confidence

LED Phototherapy with high bright super flux LEDs, LED lamps specially made for Jaundice treatment.

LED life time is more than 25 times compared to any other conventional phototherapy lamps, fifty thousand burning hours or six years whichever earlier.

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.

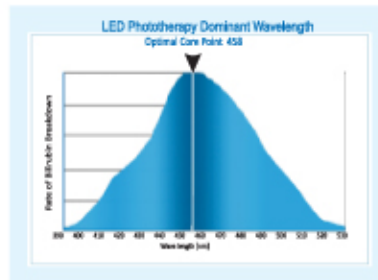
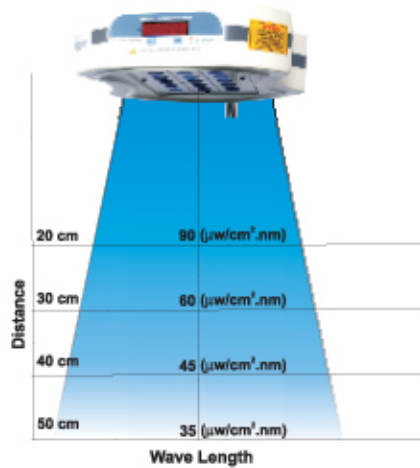
Only 30 watts power consumption, up to 80% power saving.

Up to 30% faster serum bilirubin breakdown compared to conventional phototherapy.

Optical design ensures uniform light distribution to the patient surface area.



Estimated Spectral Irradiance



LED Phototherapy Stand
Model NEO 200

NEO 200 - Series



**LED Phototherapy Stand with Trolley
Model : NEO 210**



**Double Surface LED Phototherapy
Model : NEO 220**



**LED Bottom Surface
Phototherapy Model : NEO 230**



Phototherapy Eye Band

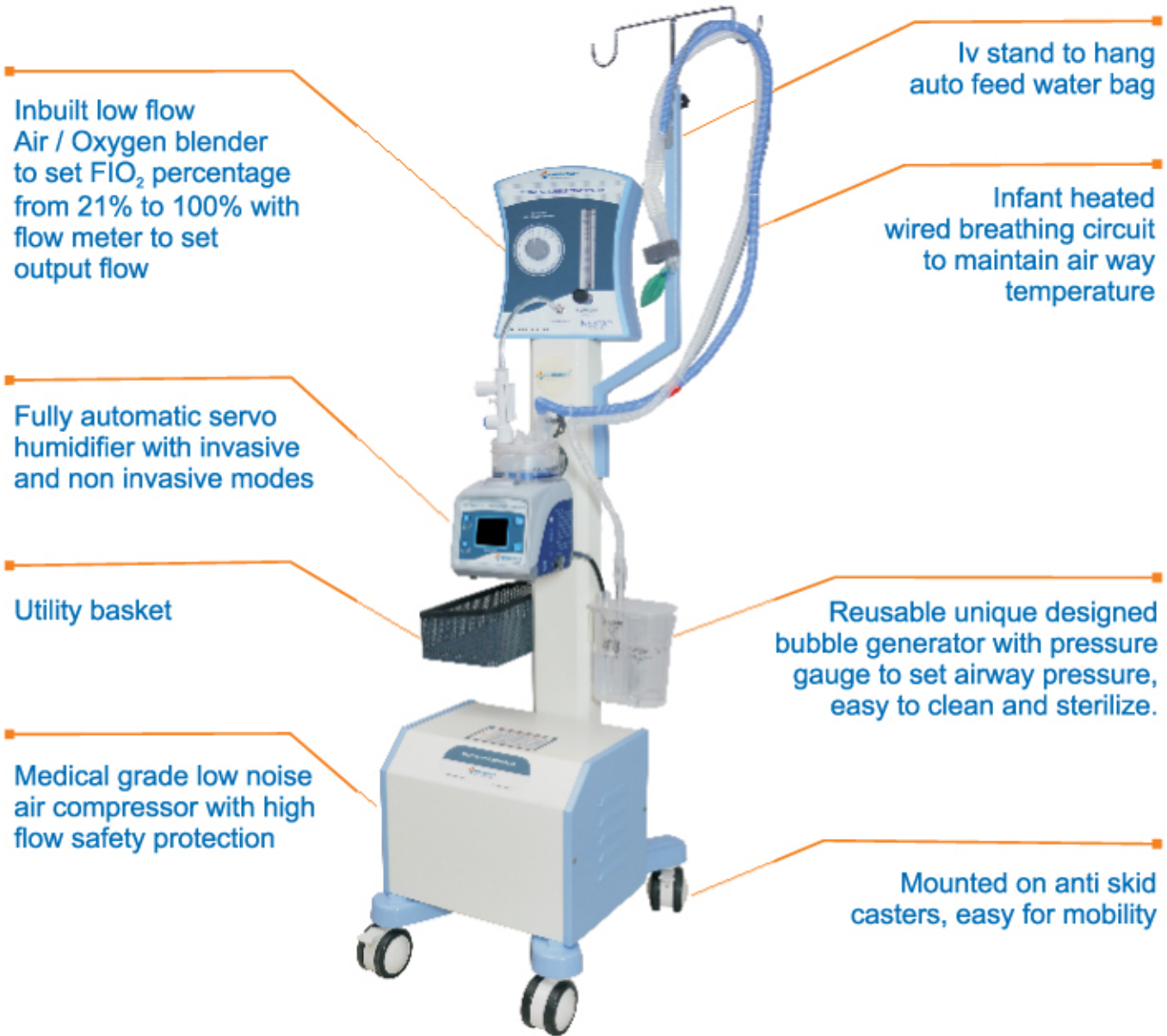


Manual Resuscitator



Digital Baby Weighing Scale

NEOPAP - 505



Inbuilt low flow Air / Oxygen blender to set FIO₂ percentage from 21% to 100% with flow meter to set output flow

Iv stand to hang auto feed water bag

Infant heated wired breathing circuit to maintain air way temperature

Fully automatic servo humidifier with invasive and non invasive modes

Reusable unique designed bubble generator with pressure gauge to set airway pressure, easy to clean and sterilize.

Utility basket

Medical grade low noise air compressor with high flow safety protection

Mounted on anti skid casters, easy for mobility

Range of Respiratory Humidifiers



Servo Humidifier



Non-Servo Humidifier with Display



Non-Servo Humidifier



RESIPUFF 1050

Infant T-Piece resuscitator
Lightweight easy to operate
No power or battery is required



Resipuff 1050 Infant T-Piece resuscitator is a lightweight stand alone unit suitable for delivery wards, Neonatal care units, Operating rooms and Infant transport resuscitation purpose.

- 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



Unique Digital Weighing Solution for Infant, Child & Adult

Digital Monitoring Device



Front View

Back View

* Battery backup for 6 hours



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

Infant weigh bed
up to 10 Kgs

Folding child seat
up to 40 Kgs



Adult standing
up to 120 Kgs



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

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

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