ACCULOC™

ISO 13485:2016 & ISO 9001:2015
Certified Company

NICU PRODUCT CATALOGUE

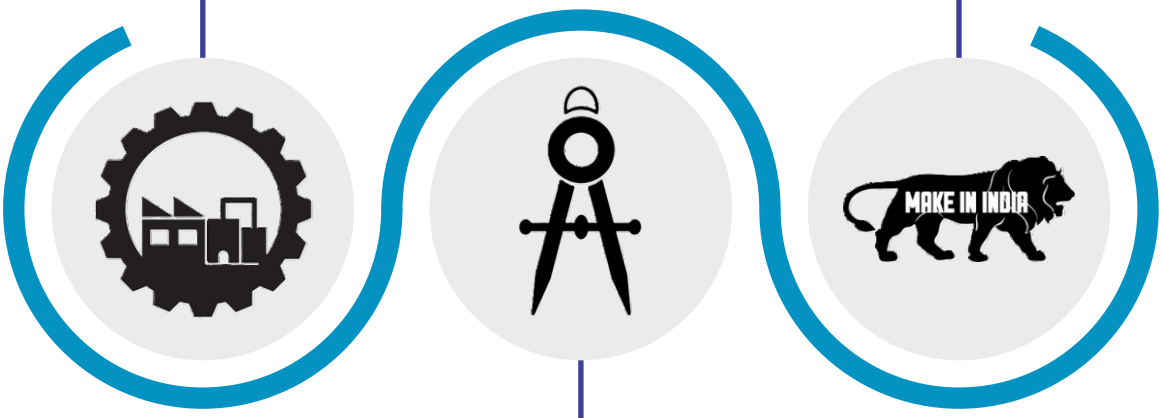
Simple Accurate Reliable

www.acculoc.in

As the name suggests, we believe in delivering ***Accuracy,*** which is the most important parameter in healthcare equipment field, while maintaining product quality and reliability to highest standards. Innovative, user friendly solutions with true value for money products & prompt customer support being our greatest strength.

In house R & D, and Manufacturing

Proudly made in India products



In house testing and calibration facility.

Continually evolving care for newborns...

Our neonatal care technology enable you as caregivers to deliver life-sustaining, non-invasive, developmental care to neonates in a nurturing and supporting environment. Our goal is to help you improve patient outcomes during the newborn's golden hour, transport flow and NICU stay. As your specialist in acute care, we continue developing outstanding technology and delivering innovative designs that is focussed on your newborns - helping to ease work flows, improve therapy and support developmental care and infection prevention practices.

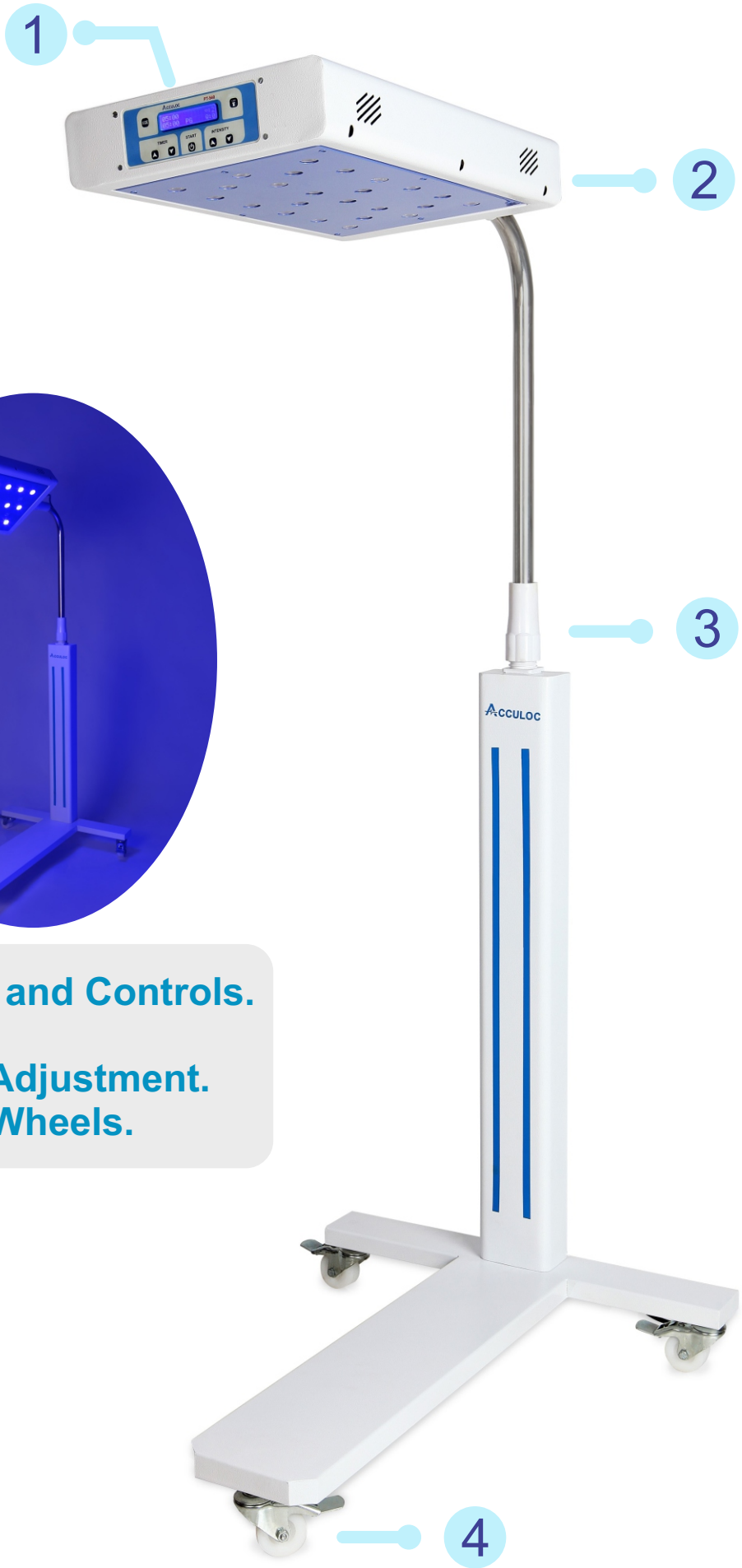
"Saving Children's Lives, A Responsibility We Share"

ACCULOC™
25.3
25.6

Neonatal LED Phototherapy

Infant Phototherapy Stand

Acculoc PT540



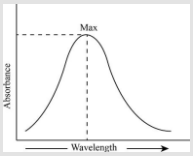
1. Display and Controls.
2. Tilting.
3. Height Adjustment.
4. Swivel Wheels.

Neonatal LED Phototherapy

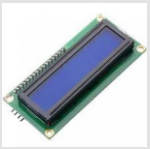
Acculoc Pt540 - Features

IRRADIANCE
Adjustable intensity (20 - 50 µW/cm2/nm)

MODES OF OPERATION
Program(Timeout setting) and Manual Control



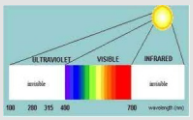
WAVELENGTH
Optimal wavelength LED(445 - 465 nm) ensures Maximum bilirubin metabolism



DISPLAY
LCD for Treatment Time, Total LED lifetime, Intensity Level & Mode

LAMP TYPE
LEDs (40,000 hours)

NUMBER OF LEDS
18 Blue LEDS (3 - Watts)
6 white LEDS (Examination)



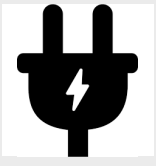
SAFETY
Light free of UV and IR

COOLING FAN
2 Noiseless cooling fan

MOBILITY
3 Swivel Casters with brakes

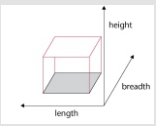
TILTING
Tilt up-to +/- 90 Degrees

CONSTRUCTION
MS Powder Coated



POWER
80 Watts
SUPPLY VOLTAGE
110- 240V AC, 50/60 Hz

ALARMS
High Temperature



DIMENSIONS
60×90×(100-160) cm
WEIGHT
15Kgs

PT-540 assures fastest bilirubin breakdown, with high light intensity, treating neonatal jaundice in least possible time.

Neonatal LED Phototherapy

Infant Phototherapy Double Surface

1. Acculoc PT 540 Stand
2. Infant Trolley IT1000
3. Acculoc PT 540U (Under Surface)

Neonatal Open Care

Infant Radiant Warmer Stand

Acculoc RHW A002

1. Heating Unit
2. Operations & Controls
3. Height Adjustment
4. Swivel Wheels
5. Equipment Tray
6. IV Stand

Neonatal LED Phototherapy

Front Panel Controls

Manual Mode
Program Mode

Examination Light

Program Mode Timer Control

Start
Stop

Phototherapy Intensity Control

Ordering Combinations

Phototherapy Stand
Acculoc PT540

Under Surface Phototherapy
Acculoc PT540U

Under Surface Phototherapy
with trolley
(PT540U + IT1000)

Dual Surface Phototherapy
with trolley
(PT540 + PT540U + IT1000)

Neonatal Open Care

Infant Radiant Warmer

Acculoc RHW A002 with Infant Trolley

1. Acculoc RHW A002 Stand
2. Infant Trolley IT1000

Neonatal Open Care

Front Panel

Back Panel

OPERATING MODES

SKIN MODE:
Body or Skin sensor inputs data to PID heater control, with appropriate timely alarms.

AIR MODE:
Air sensor inputs data to PID heater control, with appropriate timely alarms.

MANUAL / PRE-WARM MODE:
User can set heater level for pre heating.

DISPLAY INDICATIONS

LCD DISPLAY
- *Current Mode*
- *Heating speed*
- *APGAR timer.*
- *Alerts: Low Temp, High Temp, Probe fail*
- *Settings: Set Temp, Low Alarm, High Alarm, Manual mode timer, Calibration, Product branding*

SEVEN SEGMENT (DIGIT) DISPLAY:
Displays actual Skin and Air temperature, blinks for out of range values (Low and high alarm) and clears (display dashes) upon probe fail.

ALERTS / ALARMS

Power Fail
Alerts when there is a power fail with audio and visual alarm (cannot be muted).

Sensor Probe Fail
Alerts when probe is faulty or disconnected. Displays "- - -" on it's temp display.

Heater Fail
System senses heater power and generates audio and visual alarm.

Low temperature
Actual temp less than set low temp triggers this alarm. Displays blinks.

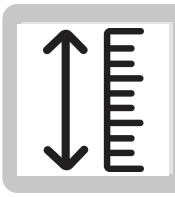
High temperature
Actual temp more than set high temp triggers this alarm. Displays blinks.

Manual mode Time out
Short sound alert and timer flashing on LCD.

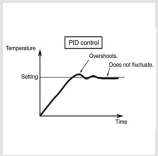
System Fail
Alarms when system fails, heater turns off.

Neonatal Open Care

Acculoc RHW A002 - Features



HEIGHT ADJUSTMENT
Heater height adjustable to match various bassinets

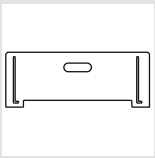


PID Controlled
Ensures least startup time, constant accurate temperature control with power efficiency

HEATER
650 Watts German ceramic heater, ensuring max efficiency

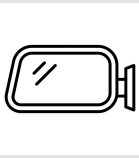
HEATER ROTATION
Rotates +/- 90 degrees

BED TILTING
Smooth bassinet tilting



SIDE SUPPORT
Acrylic ultra clear side support

IV STAND
Dual IV hooks



EQUIPMENT TRAY
Steady big size tray, on both sides, with liquid bypass

SKIN PROBE
High accuracy sensor with long lasting silicon Teflon cable

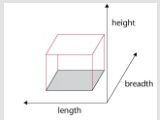
AIR PROBE
High accuracy sensor with long lasting silicon Teflon cable

XRAY CASSETTE
Sliding XRAY Cassette holder with dimensions marking

LAMP TYPE
LED observation lamp

CONSTRUCTION
Mild Steel powder coated

MOBILITY
4 Swivel caster wheels, with (2) brakes



DIMENSIONS
3 × 4 × 6.5 feets

WEIGHT
55 Kgs

POWER
700 Watts

SUPPLY VOLTAGE
220- 240V AC, 50/60 Hz

Acculoc belives in providing simple, high quality, innovative products to their customers, enabling them deliver best patient care in most efficient & cost effective way.

Infant Radiant Warmers

NBUVB Phototherapy Unit

Infant Trolley

Electronic Tourniquet Machine

DVT Pumps

Examination Light

Manufactured By (OEM):
APS Embedded Systems
~ Simplyfying Solutions

105, Neelam Industries,
Kandivali (West), Mumbai - 400067,
Maharashtra, India.

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