RENOMED INDIA

TECHNOLOGY OF FUTURE

PRODUCT CATALOGUE
2017-2018

www.renomedindia.com

CE FDA

RENOMED INDIA
TECHNOLOGY OF FUTURE

Technology For Life , we firmly believe and this core belief has enabled us to provide solutions in this sector. We at SI SURGICAL PVT. LTD. introduce ourselves as providing cost effective and value added healthcare equipment products. Our company has been providing healthcare equipment solution since 2005. Being one of the leading importers of medical device in India,we have gained significant experience in catering Government hospitals, Corporate Hospitals, Clinical institute, Practicing Medical Doctors and End users.

Journey:

The two-decade voyage has given us credentials to procure various certificates for assurance in quality and standards for our products. Therefore, we have executed successful projects for turnkey hospital, lab equipment, diagnostic centre, therapeutic products and public health clinics.

Our Flagship Brand:

Believing in quality to maintain international standards, we have launched our brand- RENOMED INDIA to serve with trust and integrity.

Our flagship brand- RENOMED INDIA has mainly four product categories- medical device, home health care, products and Surgical.

We have introduced RENOMED INDIA brand to create awareness on health care solution with quality at affordable price. We have an able team of engineers, management, professionals and are search team to provide 360° solutions. Our able+ marketing team spread across India caters our dealers and clients. In addition to support our clients and dealers, we have a service department with a team of bio-medical engineers who are ready to serve with their technical trainings, product orientation, onsite demonstration and live chats. Client's satisfaction is utmost indicator too our vision and mission. We are thus sure to grow as an organisation with new clients as reference from our all existing clients.

Mission:

To provide cost effective and value-added solutions in advance healthcare equipment products to our users.

Vision:

To be a well-recognized brand with focus on quality, affordable price and availability to provide better healthcare.

Note: All our products are CE certified & some are US FDA approved

RENOMED INDIA
TECHNOLOGY OF FUTURE

VITAL SIGN - 4

Two Parameters: Sp0,-PR, NIBP

General Features

- Suitable for **Adult, Paediatric** and **Neonatal** patients
- 7 segment LED for Systolic/Diastolic, Sp0$_2$ & Pulse Rate
- 2.8" High resolution TFT LCD display for waveforms, Bar Graphic, Trend and System Menu
- Up to 2000 patient data storage for **NIBP** and **Sp0$_2$** data (48 hours trend)
- High brightness LED display of Sp0$_2$-Pulse Rate and NIBP
- **USB port available to transfer the data to PC**
- Battery backup - **Approx. 3 to 4 hours**
- Compact & Portable, allowing for uninterrupted monitoring with built-in battery

Technical Specifications

Sp0$_2$
- Measurement range: **0-100%**
- Accuracy: **± 2% for 70-100%** (0-69% - Unspecified)
- Alarm Range: **0-100%**

Pulse Rate
- Measurement range: **30-250 bpm**
- Accuracy: **± 2%**

NBP
- Method: **Oscillometric**
- Operation Mode: **Manual / Automatic / Continuous**
- Measurement Range: **10-270 mmHg**
- Auto Measure Time: **1-255 min adjustable, with interval of 5 min**
- Alarm for **High** and **Low** systolic and diastolic Blood Pressure

RENOMED INDIA
TECHNOLOGY OF FUTURE

VITAL SIGN - 7

7" Color TFT Screen

Vital Sign 7 multi-parameter patient monitor is our newest product. The display is 7 inch high resolution color TFT.

Features

- 7 inch color screen, 16:9 LCD display.
- Various interface: Standard, Trend Screen, oxyCRG Screen, NIBP List, Big font Screen
- Real time S-T segment analysis, pace-maker detection.
- Indication of Incorrect manipulation and malfunction analysis.
- Patient info input management function.
- 96 hours trends and graphs recall, 400 groups of NIBP list, 60 alarm even records recall.
- Capture dynamic waveforms.
- Built-in rechargeable lithium battery, 5 hours working capacity.
- Central monitoring system

Standard Configuration :
NIBP, SpO2, PR

RENO 81

RENOMED INDIA
TECHNOLOGY OF FUTURE

RENO 81 multi-parameter patient monitor is our newest product. The display is 8 inch high resolution color TFT.

Features

- 8 inch high resolution color screen.
- Exquisite design suitable to moving operation.
- Operation interface: Standar, Trend Screen, oxyCRG Screen, NIBP List, Big font Screen.
- Freeze instant waveform for real time S-T segment analysis, pace-maker detection.
- Storage for up to 400 groups of NIBP list, 60 alarm events record recall.
- Built-in rechargeable lithium battery with 4 hours working capacity.
- Capture dynamic wave forms.
- Patient info input management function.

Standard Configuration :
SpO2, PR, NIBP, ECG, RESP, TEMP

Option Configuration :
ETCO 2

RENOMED INDIA
TECHNOLOGY OF FUTURE

RENO 81(A)

RENO 81(A) is 3 Para model but upgradable up to 7 Para

General Features

- Lightweight, compact and portable
- High resolution with screen size **8.4"** colour TFT display
- Alarm: Audible and visual Alarm with alarm events review
- Built-in rechargeable lithium battery
- ECG waveforms of 7 leads display on the same screen
- Parameter display: **SpO_2-PR, NIBP, ECG**
- **500 NIBP** measurement data can be stored and recall
- Data and waveforms colour can be adjustable as it can be stored and recall.
- **72 hours graphic and tabular of all parameters**
- **72 alarm events** of all parameters recall
- **32 seconds** full-disclosure waveform review
- Apnea detection: **10 - 40s**
- **AC to DC Adapter**
- Pacemaker Detection
- Arrhythmia analysis and S-T Segment analysis and its detection
- **Drug Calculation**
- Suitable for **adult, paediatric and neonatal patients**
- **Approx. 2.5 hours** Battery backup

Technical Specifications

SpO_2
- Measurement Range: **O - 100%**
- Accuracy for SpO_2: **$\pm$1% (for 70 - 100%)** and unspecified for **0 - 69%**

Pulse Rate
- Range: **30 - 250 bpm**
- Accuracy for PR: **$\pm$2% or $\pm$2bpm**

NBP
- Measurement Range: **10 - 270 mmHg**
- Modes: **Manual / Auto/Continuous** with
- Oscillometric Method

ECG
- Lead Mode: **3 lead or 5 lead**
- Lead Selection : **I, II, Ill, avR, avL, avFand V**
- Heart Rate Range:
  * Adult: **35 - 300 bpm**
  * Paediatric/Neonatal: **15-300 bpm**
- **ECG Waveform: 2 Channels**
  * Accuracy: **$\pm$1 bpm or $\pm$1%**
- ST segment detection:
- Measurement range: 0.2 mV - 2.0 mV Respiration (Optional)
- Method: RA-LL impedance
- Adult: **O - 120 breath/min**
- Paediatric / Neonatal : **0 ~ 150 breath/min**
- Apnea Alarm: **10 - 40 Seconds**

Temperature (Optional)
- Range: **O - 50°C**
- Accuracy: **$\pm$ 0.1°C**

Optional
Upgradable up to 7 para (2-TEMP, RESP, EtCO, IBP, Printer) Central Monitoring - LAN networking or Wireless

RENO 12

RENO 12 (5 Para) Upgradable with touchscreen

General Features

- High resolution **12.1"** colour TFT display with multi channel waveform display
- Parameter display: **$Sp0_2$-PR, NIBP, ECG, RESP, 2-TEMP**
- **500 NBP** measurement data can be stored and recall
- Data and waveforms colour be adjustable
- **Built-in high energy rechargeable lithium battery**
- ECG waveforms of 7 leads display on the same screen
- **72 hours graphic and tabular trends of all parameters**
- **72 alarm events** of all parameters recall
- Battery backup - **Approx. 2 hours**
- **96 hours** data storage

Technical Specifications

$Sp0_2$
- Measurement Range: **0 - 100%**
- Accuracy for $Sp0_2$ **$\pm2\%$** (for **70 - 100%**) and unspecified for **0 - 69%**

Pulse Rate
- Range: **O-254 bpm**
- Accuracy for PR: **$\pm$2bpm**

NBP
- Measurement Range: **10 - 270 mmHg**
- Modes: **Manual / Auto/STAT** with Oscillometric Method
- Measuring period in **STAT** Mode: **5 Min**

ECG
- Lead Mode: **3 lead or 5 lead**
- Lead Selection : I, II, III, avR, avL, avF and V
- Heart Rate Range:
  a) Adult: **35 - 300 bpm**
  b) Paediatric/Neonatal: **15 - 350 bpm**
- ECG Waveform: **2 Channels**
  a) Accuracy: **$\pm$1 bpm** or **$\pm$1%**
- ST segment detection:
  Measurement range: **0.2 mV - 2.0 mV**

Respiration
- Method: **RA-LL impedance**
- Adult: **O - 120 breath/min**
- Paediatric/Neonatal: **O - 150 breath/min**
- Resolution: **1 breath/min**
- Accuracy: **$\pm$2 breath/min**

Temperature

Optional
- Touch Screen, KMM) $Sp0_2$ Module, $EtCO_2$, IBP, Printer
- Central monitoring software & cable (LAN networking or wireless)

CE FDA

RENOMED INDIA
TECHNOLOGY OF FUTURE

RENO 12(A)

Optional

RENO 12(A) can monitor such parameters as ECG, RESP, SpO2, NIBP, and Dual- channel TEMP. It integrates parameter measuring module, display and recorder in one device to form a compact and portable device. At the same time, its built-in replaceable battery provides convenience for patient moving.

Features
- Elegant appearance, clear marks, standard interface, oxyCRG SCREEN, trend graph, big characters, other BED observation, which are convenient for user.
- Be applicable for adult, pediatric and neonatal.
- Standard parameters of ECG, RESP, NIBP, SpO_2 and dual-channel TEMP. IBP, CO_2, Built-in printer, curving handle, moving bracket and hanging bracket are optional.
- Operation interface with Chinese and English. Finish all operations by keys and knobs. (Optional languages: French, German, Italian, Dutch, Portuguese, Turkish, Spanish, Poland.) design with full built-in module, stable and reliable performance.
- 12.1" color TFT LCD with high-resolution displays patient parameter and waveform, and alarm, bed NO, clock, state and other information provided by the monitor synchronously.
- Monitoring contents, scan speed, volume and output contents can be set optionally.
- Storage of 480-hour trend data, and review of 40-second holographic waveform.
- Storage and review of 72-hour ECG waveform.
- Function of NIBP review, storage for up to 2400 NIBP data.
- Adopt digital SpO_2 technology, which has strong anti-interference and anti-weak filling capability.
- Calculation of drug concentration.
- Network: connecting with central station, other Bed observation and software updating. Connection mode: wireless and wired.
- Built-in rechargeable battery for uninterrupted monitoring.
- Print ECG, SpO_2, RESP, BP and temperature data with one-key.
- Anti-high frequency surgical unit, defibrillation-proof(requirement for special leads).
- Analysis function for heart rate variability(HRV) (optional)

RENO 15

RENO 15(5 Para)

General Features

- High resolution with screen size **15" colour TFT display**
- Audio and Visual Alarm - Adjustable
- Built in Lithium rechargeable battery
- Built in Memory and Built in Recorder
- **2400 NBP** measurement data can be stored and recall
- **HRV analysis of Heart Rate Variability**
- **ECG waveforms of 7-leads display** on the same screen
- **72 hours** ECG waveform data storage and review
- Battery backup - **Approx. 2 hours**
- **USB data storage**
- **480 hours tabular** and graphic trends and data storage
- **120 seconds full** - disclosure freeze waveform review
- **100 ARR** alarms data can be stored and recall
- **100 regular** alarms data can be stored and recall

Technical Specifications

SpO$_2$
- **Measurement Range: 0-100%**
- **Accuracy for SpO$_2$: $\pm$2% (for 70 - 100%) and unspecified for 0 - 69%**
Pulse Rate
- **Range: 30 - 255bpm** - **Accuracy for PR: $\pm$3 bpm**

NBP
- Measurement Range: **10 - 270 mmHg**
- Modes: **Manual / Auto/ STAT** with Oscillometric Method

ECG
- Lead Mode: **3 lead or 5 lead**
- Lead Selection : **I, II, III, avR, avL, avF and V**
- Heart Rate Range:
  a) Adult: **35 - 300 bpm**
  b) Paediatric/Neonatal: **15 - 300 bpm**
- **ECG Waveform: 2 Channels**
  a) Accuracy: $\pm$**1 bpm** or $\pm$**1%**
- ST segment detection:
  Measurement range: **0.2 mV - 2.0 mV**

Optional:
- **Touch Screen**
- **IBP, EtCO$_2$ Printer**
- **Connection mode: Rj45**
- **Central monitoring software & cable** (LAN Monitoring) or (Wireless - 3G, Wi-Fi)

Optional

RENOMED INDIA
TECHNOLOGY OF FUTURE

Disposable IBP Kit

EtCO$_2$ (SIDESTREAM) Module

IBP Module

EtCO$_2$ (MAINSTREAM) Module

Reusable IBP Extension Cable

IBP (Invasive Blood Pressure)
- Measure in single or dual
- Measure Range
  - » ART - 0 - 40 Kpa) » PA- 0,8 - 16 Kpa)
  - » CVP/RAP/LAP/ICP-1.3-5.3 Kpa)
  - » P1 - P2 – 1.3 - 40 Kpa)
- Zero Calibration: Every time, Periodic Calibration or the time when using the new sensor
- Sensitivity: 5V/V/mmHg
- Parameters: ART (Arterial Blood Pressure), PA (Pulmonary Arterial Pres sure), CVP (Center Venous Pressure), RAP (Right Atrial Pressure), LAP (Left Atrial Pressure), ICP (Intracranium Pressure), P1-P2 Expand Pressure
- Accuracy: $\pm$2% or 1 mmHg

Optional
IBP module has two outlet for dual. IBP, which we can upgrade with one extra IBP extension cable and one disposable kit

EtCO$_2$ (End Tidal CO$_2$)
- Measure the value of CO$_2$ in human Body

Types
- Main Stream
- Side Stream

Mainstream
- Long-term ventilator management
- Verifying proper ET tube placement
- Confirming ET tube stability during transport

Sidestream
- Monitoring the effects of pain control analgesia
- Monitoring respiratory efforts during procedural sedation
- Safety monitors post-extubation
- Screening tool in the ED for respiratory compli cations such as asthma

EMERGENCY VENTILATOR

Features
Easy to take:
The main parts adopt good-quality components,protection function.

Description
JX10 is used for First-Aid,Ambulance, Emergency situation and patients transport in hospital
it can be used for child and adult patients,

ISO 9001 CERTIFICATION
ISO 13485 CERTIFICATION

Enviromental Requirements
Relative humidity: 15%-95%
Power : AC100V-240V
Gas source: 0.4Mpa, 60I/min
Ambient temperature: -18~50C
Atmospheric pressure: 70~106kPa
Li-battery : 12V, rechargeable

Configuration
Class? ,Type B-by protection against electric shock.
IPX4-by protection against harmful ingress of water, particulate matter.

Classification
Standard Configuration: ventilator Oxygen pressure Reducer, High-Pressure oxygen hose, lung Simulator, breath Circuit, Mask Power Adapter

	JX 10
Modes	Modes CMV
Tidal Volume	50~1000mL
I:E	2:1 1:1 1:1.5 1:2 1:2.5 1:3
Over Pressure Relief	<72hPa
Monitor	Airway Pressure
Alarm	Low Battery
Indicators	Inspiration, Exhalation, Low Battery Voltage, Charqer, power
Package Dimension	450x 380x180mm
Weight	6.5kg (Including all the accessories)

RENOMED INDIA
TECHNOLOGY OF FUTURE

SP - 101

Time Volume Mode

General Features

- Time Volume mode
- Indicating the remaining time of injection, automatic check, injector specifications, KVO functions, total indication of transfusion, quick feed/prime function
- Applicable to all brands of disposable syringe O Clear displaying on LCD screen remaining line of injection
- **Automatically controlling syringe moving speed in accordance with specific volume and time, presented for each injection**
- **Weight 2.3 kg**
- Battery backup: **Approx. 2 - 5 hours** (for normalfunction)

Technical Specifications

Power Supply
- AC: Working Voltage: **AC 100 V-240**, Frequency: **50 Hz/60 Hz**
- DC: Inner Power of **10.8V**, Internal rechargeable **Ni-MH battery**
- **Applicable Syringe**
  All brands of disposable syringes by volume of **10ml, 20ml, 30ml & 50ml**
- Occlusion Pressure: **Low, Medium and High** (Adjustable)
- **Audible & Visual Alarm:** Near empty, Empty, Occlusion, remove, low battery exhausted, device disengaged, motor trouble, falling of the injector AC power fail

- Flow rate option
  0.1 - 600ml/h in 0.1ml/h (50ml injector)
  0.1 - 400m /h in 0.1ml/h (30ml injector)
  0.1 - 300 ml/h in 0.1ml/h (20ml injector)
  0.1 - 200 ml/h in 0.1ml/h (10ml injector)
- Total Infused Volume: **0.1 as 999.9m in 0.1m.**

- Quick feed
  600 ml (50 ml injector)
  400ml (30ml injector)
  300ml (20ml injector)
  200 ml (10 ml injector)

Increments Accuracy
- Actuation Accuracy: $\leq +1\%$, Infusion
- Accuracy: $\pm 3\%$

SP - 102

RENOMED INDIA
TECHNOLOGY OF FUTURE

Rate, Time Volume & Dosage Weight Mode

General Features

- Rechargeable lithium battery
- Three work modes : **Rate mode, Time Volume mode & Dosage Weight mode**
- Three levels of occlusion: **High, Medium and Low**
- **Audible and visual alarm** for occlusion, empty syringe, nearempty syringe, low Battery, syringe loose, wrong setting, ACPower has been pulled out, Purge
- HD LCD Display, high capacity words, friendly user interface, dynamically displayworking status
- Compatible with **10ml, 20ml, 30ml, 50/60ml** syringe of any brands after correct calibration
- Preset solution volume to greatly reduce the workload of nurses
- **Purge and Bolus** function
- **KVO (keep-vein-open)** automatically opensas injection is completed
- **Freely Stackable :** freely stack one syringe pump onto anotherto provide multiple solutions, which have a wide range of clinical applications
- One-key operation makes setup easy and simple; Syringe Plunger Grabble Detector, operable with one handina NoGerm Environment
- **Approx. 2 Hours Battery backup**
- KVO Rate: **0.1ml/h - 5ml/h (0.1ml/h step)**
- Total Injection Volume : **0.1 ml - 9999.9ml (0.1mlstep)**
- **Alarms :** Injection is blocked, injection finish. Injection soon finish, Limited finished, FF injection, Syringefalls off, Syringe improperlyinstalled Wrong setting, AC power has been pulled out, Low battery, Forgetto operate, etc.
- **PowerSource:**100-240Vac, 50/60 Hz; Internal rechargeable **Li battery**, Capacity > 1 , 6 0 0 mAh, voltage=11.1V, 4 hours backup time at the rate of 5ml/h (appointed medium rate in GB97O6.27-2005) for the new battery charged for 12 hours.
- Weight: **2.2 Kg**

Technical Specifications

- Injection Rate:

50/60ml Syringe: O.1m/h - 999.9ml/h (0.1m/h step)
                           1,000 ml/h - 1,500ml/h (1ml/h step)
30ml Syringe: O.1m/h - 900.Oml/h (0.1ml/h step
20ml. Syringe: 0.1m/h - 600.0ml/h (0.1ml/h step)
10ml. Syringe: 0.1m/h - 300.0 ml/h (0.1m/h step)

- Flow Rate Accuracy: Within $\pm3\%$ (after correct calibration)
- Mechanical Precision: Within $\pm2\%$
- Bolus Rate: **50/60ml Syringe: 1,200ml/h**
                     30 ml   Syringe: 720ml/h
                     20 ml   Syringe: 480ml/h
                     10 ml   Syringe: 240ml/h
Purge Rate: **50/60ml Syringe : 1,500ml/h**
                     30ml Syringe: 900ml/h
                     20ml Syringe: 600m/h
                     10ml Syringe: 300 ml/h

- Occlusion
 a) **High:** 800mmHg $\pm$ 200 mmHg
     (106.7kPa $\pm$ 26.7kPa)
 b) **Medium:** 500mmHg $\pm$ 100mmHg
     (66.7kPa $\pm$ 13.3kPa)
 c) **Low :** 300mmHg $\pm$ 100mmHg
     (40.7kPa $\pm$ 13.3kPa)

Optional: Drug Library/Store 2000pcs injection records and Wall mountingstand

RENOMED INDIA
TECHNOLOGY OF FUTURE

SP - 401

Touch Screen with 7 infusion modes
(includes Rate mode, Time mode & Body weight mode)

General Features

- Quick start function
- Long runtime battery with **12 Hours** battery backup
- Intuitive Operating System
- **DERS** (Drug error reduction system)
- Screen can be Locked

Technical Specifications

- Display: **4.3" Colour TFT with touchscreen**
- Power Supply
  » AC : **110 V - 240 V, 50/60 Hz**
  » DC : **12V**
- Battery Life: **Approx. 12 Hours** (at 5ml/h flow rate with new fully charged battery)
- Charging Time < 5 hours
- Compatible with SyringeSize: **5ml, 10ml, 20ml, 30ml, 50 or 60ml**
- Flow Rate: **0.01 - 1500m/h** (Depending on SyringeSize)
- Flow Rate Accuracy: **±2%**
- VTB : **0 - 9999ml**
- Dose rate Units: **More than 15 types**
- **Automatically calculate flow rate**
- With Purge and Titration Support
- **Bolus Setting:**
  » Manual Bolus
  » Programmable Bolus
- KVO Rate: **0.01 - 5.0m/h**
- **7 Infusion modes**

- With Relay mode, Micro Mode and Stand By mode with **0 - 23 hour 59 mins** adjustable
- Brightness and Alarm are adjustable
- **Alarms:** VTBI near end, VTBI infused, Pressure high, Battery nearly empty, Battery empty, No Power Supply, Remainder alarm, and KVO Finished, Check Syringe, Syringe empty, Standby time expired, System error.
- **Up to 12 Level of Occlusion**
- Records more than **5000 entries**
- Supported with more than **2000 Drug Library**
- MiniUSB interface in order to transfer data from Syringe Pumpinto PC
- **With Automatic Calibration**
- **With Automaticanti-bolus function**
- IrDASupported
- Classification : **Classil, CF**
- Waterproof Standard: **IP24**
- Machine Weight:**1.7Kg**

HANDHELD ETCO$_2$

Features :

- Compact, small, light, portable and easy to operate.
- 3.5 inch high-resolution LCD display
- Intelligent parameter monitoring interface.
- Audio and visual alarms.
- Up to 20- hours patients' trend data in storage, easy to recall,
- Built-in rechargeable lithium battery, 10-hour continuous working capability
- Battery capability indication.
- Automatically power-off.
- Patients' trend data can be transmitted to a PC for displaying, reserving and printing.
- Applicable to adult, pediatric and neonatal patients.

Specification:

1. Sp02
Measurement range: 0%–100%
Accuracy: 42% (70%–100%), 0%-69% unspecified
Resolution: 1%

2. PR
Measurement range: 18bpm-300bpm
Accuracy:Elbpm
Resolution: 1bpm

3. TEMP
Channel: 1
Input: Body surface thermal-sensitive resistor temperature sensor
Measurement range: 0°C-50°C
Resolution: 0.1°C

4. Alarm
Mode: Audio and visual alarms
Setup: User-adjustable high and low limits
Storage and review: 20-hour Sp02 \PR\TEMP trend data with corresponding date and time

RENOMED INDIA
TECHNOLOGY OF FUTURE

ECG RENO SINGLE - 100

Features

2.7" STN display shows the working status and ECG waveform. Check the waveform before printing to save record paper.

Output system: High-resolution thermalarray (8dots/mm), it needs not be adjusted. Recording frequency Response: Up to 150Hz.

The device can record exact single ECG waveform and remark. The mark includes: lead sign, sensitivity, paper speed, filter state.

ECG RENO THREE B/W - 300

Operation

2.7" LCD, accurate and clear ECG waveform and working state display, economical to save recording paper.

Functions

Sync collection for 12-lead ECG, adopt digital signal processing technology to get high-quality ECG waveforms via AC filter, baseline filter and EMG filter of ECG signal.

Display of 1/2/3-lead ECG, print mode, sensitivity, paper speed and filter state, etc. on one screen, convenient for contrastively diagnosing.

ECG RENO THREE C/W - 300G

3.5 TFT Color LCD shows the working status and ECG Waveform. Check the Wave-form before printing to save record paper.

12 lead ECG simultaneous acquisition, digital signal processor, to get higher quality ECG waveforms through the AC filter, baseline filer and EMG filter for the ECG signals.

Simultaneous display of 3/6/12 leads ECG waveform, and the state of printing mode, sensitivity, speed, filter etc., to be easy for interpretation.

ECG RENO SIX C/W - 600

Features

- 7"TFT, touch screen, led backlight
- Digital isolation technology and single processing solution, digital filter
- Patient management, name, age and id.
- Details analysis report.
- Built-in lithium rechargeable battery, wide thermal printing system
- USB and LAN socket.
- Memory: Built-in memory or mini SD Memory card. Stores more than 1000 pieces of archive
- Auto-measurement, auto-analysis and auto-interpretation.

Technical Specification

- Lead: Standard 12 Leads
- Patient Leak Current: <10 μA
- Input Independence: ≥50 M
- Frequency response: 0.0 Hz~150 Hz(-3dB)
- Time constant: Time constant >3.2s
- CMRR: >60dB, >100dB (Adding filter)
- Paper Speed: 25mm/s, 50mm/s
- Sensitivity Selections: 5, 10, 20mm/mV
- Measurement Parameters: HR, P-R interval, P Duration, QRS duration, Q Interval, Q-Tc, P Axis, T Axis, R(VS), S(V), R(V5)+S(V1)
- Product Safety Type: Class 1 CF defibrillation placing protection
- Enduring Polarization Voltage: ± 300mV
- Noise Level: < 15u VP-p
- Size: 130 mm(L) x 74 mm(W) x 25 mm(H)
- Net weight: 2.3KG

RENOMED INDIA

TECHNOLOGY OF FUTURE

ECG RENO 12 C/W - 1201

Digital twelve channel ECG with A4 size printing

General Features

- AC/DC Operated with Rechargeable Lithium Battery
- Battery backup: **Approx. 90 minutes continuous printing, Up to 4 hours instandby mode**
- Display 3/6/12 leads ECG waveform and can remark the lead sign, sensitivity paperspeed and filter state
- Data interpretation
- Storage capacity up to 1000 of patient's data, more convenient for data review&statistics
- Portable, lightweight and sturdy design
- **Modes of printing: Automatic/Manual**

Technical Specifications

- **8" LCD Display** with **Touchscreen**
- Power Supply
  - » **AC : 100 ~ 240V, 50/60 Hz**
  - » **DC : 14.8V, 3700 mAh rechargeable lithium battery**
- Input way: Floating and defibrillation protection
- Lead: Standard **12 leads**
- Patient leak current: **< 10A**
- Input impedance: **>5OM**
- Frequency response: **0.05Hz-15OHz (-3dB - 0.4 dB)**
- Time Constant: Time **> 3.2s**
- CMRR: **> 60 dB, >100 dB** (add filter)
- EMG interference filter: **35Hz (-3dB)**
- Recording papers: **210mm (WX20 m (L)**
- Recording: **Auto, Manual and Rhythm**
- Recording way: **Thermal printing system**

- Paper Speed:
  - » **Auto record:** 25 mm/s, 50 mm/s, error +5% (Record setup according to auto record format and mode, automatically measuring and analyzing)
  - » **Manual record:** 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s, error +5% (Record setup according to auto record format and mode, manual changing leads.)
  - » **Rhythm Record:** 25mm/s, 50mm/s, error +5% (Record setup according to auto record format and mode, automatically measuring and analyzing)
- Sensitivity choice : **5, 10, 20, 40 mm/mV, {Error: Ł5%}**
- **Standard sensitivity is 10mm/mV+0.2%**
- **Printing Modes**
  - » **12*1**
  - » **6*2 + 1**
  - » **6*2**
- **Rhythm row 12, row 10, row 8, row 6 etc. withnmultiple formats**
- Measurement parameter: **HR, P-R interval P Duration, QRS Duration, T Duration, Q-T interval, Q-Tc, PAxis, QRS Axis, T Axis, RV5), S(V1), RV5)+SV1)**
- Product safety type: **Class CF applied part, with defibrillation and pacing protection circuit in it**
- Enduring polarization voltage: **+ 500 mV**
- Noise level: **< 15uVp-p**
- Machine Size : **334 (L) x 320 W) x 85(H) mm**
- Machine Net Weight: **2.25Kg**

Optional:

- PC Interface software via RS 232 interface / USB / Ethernet
- Basic software : For data transfer & print
- Advance software : For cardiac analysis

FETAL DOPPLER BW

Features

- **Ultrasound**
  Frequency: 2.0MHz in continual 3
  Intensity:<10mV/cm2
- **FHR**
  Measurement range: 50-120 bpm
  Resolution: 1bmp
- Powersuply: Two AA battery s Power: <0.8W
- Continuos operatig time>10hours
  AutoPower off; 1 minute
  Dimensions: 135x95x35mm
  Weight: 250g(Including batteries) approx.

Technical Specifications

FHR range: **50 - 230 bpm**
Resolution: **+1 bpm**
Probe frequency: **2 MHz**

FETAL DOPPLER CW

Features

- Streamline and portable design, compact and light
- Large LCD display with backlight, can be used in any
  illumination conditions
- Ergonomic design Easy to use
- High sensitivity interchangeable probe
- Built-in speaker and sound output interface
- Automatic power-off
- Real-time FHR display average, FHR display and
  manual calculation
- Battery status indicator and low power indicator

Technical Specifications

FHR range: **50 - 240 bpm**
Resolution : **+1 bpm**
Probe frequency: **2 MHz**

Optional : **FHR Digital voice function**

RENOMED INDIA
TECHNOLOGY OF FUTURE

FM - 101

10.4" Foldable Screen

Fetal Stimulator

TOCO probes

General Features

- Display: **Foldable 10.4" colour LED**
- Rotatable Screen to **60°**
- **In built Rechargeable battery with Approx. 2 hours battery backup**
- **FHR 120 - 160 bpm normal range label**
- Manual Records Fetal movement
- Sound and colour remind users of high and low fetal heart rate
- **Continuous 24hrs real time monitoring function**
- **Continuous 12hrs patient curve and data storage, playback and print**
- With picture freeze function
- **9 crystal broadband pulsed wave transducer**
- Extra long life, high resolution built in thermal recorder
- Built in 2 rechargeable batteries insure that could still working normally for two hours after the power supply breaks off

TOCO

- TOCO Range: **O - 100%**
- Resolution: **1%**
- Non linear error: **<+10%**
- RZ way: **Manually**
- **Fetal Marking**
  For the manual button (the operation of pregnant women), there will be a mark display in the bottom area of FHR wave display section.
- **FHIR Reminder**
  Remainder for high and low FHR, which exceeds appointed limit.

Technical Specifications
Display Content

Bed Number, pregnancy weeks, Age, Paper speed, Date, time, Volume, Remainder Status, Transducer Connection Status, Recorder status, FHR data & Wave, Contraction data and wave, Fetal move times andmarketc.

Ultrasound Probe

- Nominal Frequency: **1.0 MHz**
- Work Frequency: **1.0 MHz+10%**
- Negative peak sound pressure: **p$\leq$ 1Mpa**
- Outputbeamintensity:**lob$\leq$ 20mW/cm²**
- The peak timespace peak intensity:
  Ispita$\leq$ 100mW/cm²
- Theaveragetimespace peak intensity:
  Ispita$\leq$ 10mW/cm²
- FHRRange: **50 bpm-240 bpm**
- Resolution:**1 bpm**
- Accuracy: **+2bpm**

Transducers

(1) **Ultrasonic Transducer**
    System : Pulsed doppler
    Dimension : 90 mm X 65 mm
(2) **TOCO Transducer**
    System: Passive strain gauge
    Dimension : 102 mm X 50 mm
(3) **Remote Marker**
    Length : 96 mm

Print

- Record paper two - double type Z
- PrintWidth : 110mm
- Valid Print Width : **104 mm**
- Paper Output Speed: **1cm/min, 2cm/min and 3cm/min (Optional)**
- Data Precision:
  - a) $\pm$5% (X Roll)
  - b) $\pm$1% (Y Roll)
- Record Content: Hospital, Bed Number, Name, Pregnancy Week, Patient Number, Paper Speed, Date, Time, FHR data and wave, Contraction data and wave, fetal move times andmarketc.
- **Net Interface : RJ45**
- Battery Type: 2 rechargeable batteries, 3700mAh/3.7W

Optional:

- Twins monitoring
- Built-in communication port can be connected with central monitoring system

Physical Characteristics

- Size : 320 mm (LX 260 mm W X80 mm (H
- Weight: about 3 Kg
- Mode: Continuous work

Power Supply

- Working Voltage : **AC 100V~ 240 V**
- Frequency: 50Hz / 60Hz
- P $\leq$6OVA
- Fuse: T1.6AL25 OV

Environment

- Transport and storage
  - a) Temperature: -10°C-55°C
  - b) Relative Humidity: $\leq$ 93%
  - c) Atmosphericpressure: 700hPa-1060hPa
- Working environment
  - a) Temperature: 5°C -40°C
  - b) Relative Humidity: $\leq$80%
  - c) Atmospheric pressure: 700hPa - 1060hPa

FM - BT-350

Features

- 7" wide TFT color LCD Display.
- Upto 150 patients data saving.
- Fetal heart sound play and record in PC.
- Rotating Screen.
- Multiple language support.
- Built-in quick guide (LCD Type).
- Waterproof probe.

Optional Accessories

- Nasal Mask (Only covers Nose)
- Sp0$_2$ kit (Pulse oximeter-Sp0$_2$ measurement of the patient with CPAP facility)
- 25 S/T mode
- 30 S/T mode

RENOMED INDIA
TECHNOLOGY OF FUTURE

FM - 201

with wireless TOCO and maternal parameters

General Features
- 12.1" colourful LCD display
- Flexible, Lightweight, easy operation
- Flip screen from O-90° (degree), for multi angle observation
- Backlight durable buttons
- With large font and Multi interfaces display
- **Approx. 60 hours CTG storage, reviewing and printing**
- Power fail battery back up
- Simultaneously maternal and fetal parameters display
- Sound and colour remind users of high and low fetal heart rate
- **Single fetus monitoring**
- **High quality LEMO connector**
- Supporting for wireless or wired networking
- **Standard Parameters:**
  - FHR
  - TOCO
  - FM

FHR
- **Measurement range:** 50 to 210 bpm
- **Normal Range:** 120 to 160 bpm
- **Alarm Range :**
  - Up Limitation: 160, 170, 180, 190 bpm
  - Bottom Limitation: 90, 100, 110, 120 bpm

TOCO
- Range: O - 100%
AFM
- Remark time by hand
- The effective interval should be in 5 seconds
  Bandwidth O.1 to 2.5 Hz

Technical Specifications
Power Supply
- AC : 110 ~ 240V, 50/60 Hz
Battery
- Built in rechargeable lithium battery
Alarm & Data
- Audible and Visual Alarm
- 50 groupsalarm events reviewing
- 60 hours CTGstorage and replay
- Power failure data storage
- Automatic Fischer analysis result
Frequency
- 1.0 MHz
Built in Thermal Printer
- 150/152 mm, wide paper
- 25mm/s high speed playback and printing function
- Can display & print the active fetal wave forms on real time bases
Maternal Sp0$_2$
- **Measurement Range:** 70% - 99%
- **Accuracy:** +3%
Maternal Pulse Rate
- **Measurement Range:** 30 bpm - 24 Obpm
- **Accuracy:** +2bpm
Materna NBP
- **Measurement Range**
  * Systolic : 50 to 240 mmHg
  * Diastolic : 15 to 180 mmHg
  * Mean: 22 to 200 mmHg
- Accuracy : +8mmHg (+1.1 kPa)

BiPAP ST20

General Features

- Non Invasive Ventilation
- Display: **2.4" colour LCD**
- **High Efficiency humidification**
- **Higher motor performance**
- **Remote data retrieve**
- Quietertherapy output
- **Humidifier**
- RealTime Pressure and Flow Wave display
- **SD Cardavailable for Data storage for 8 GB Card**
- **Provided with Humidifier along with machine which moisturizes the air that gives patient comfort during the whole night**
- **Masks: FullFace Mask (coversmouth and nose)**

with Humidifier

Technical Specifications

Sr No.	Technical Features	Model No.	Full Face Mask for Bi-PAP
1	Mode	CPAP, Auto, S, T, S/T	
2	Pressure	4 - 20cm H_2O	
3	LCD Screen	2.4 inches	
4	Weight	1.5Kg or 2.5 Kg with Humidifier	
5	Dimensions (L x W x H)	150 x 180 x 117 mm or 290 x 196 x 134 mm (with Humidifier)	
6	Oximeter	Optional	
7	Data Storage	SD Card (8 GB)	
8	Reslex	0ff 1 / 2 / 3	
9	Ramp P	4 cm H_2O	
10	Max Ramp	0 as 60 mins	
11	Ramp Time	0 - Max Ramp	
12	Humidity Level	0ff / 1-5	
13	Ti Min	0.1s ~ Ti Max	
14	Ti Max	0.3s as 3.0s	
15	Tidal Volume	150 – 1500ml	

Optional Accessories

- Nasal Mask (Only covers Nose)
- SpO_2 kit (Pulse oximeter-SpO_2 measurement of the patient with CPAP facility)
- 25 S/T mode
- 30 S/T mode

RENOMED INDIA

TECHNOLOGY OF FUTURE

AUTO CPAP

Features

- Innovative tracking technology which ensures accurate & comfortable therapy.
- Unique sensitivity setting offers individual therapy algorithm, makes every user get the most comfort.
- RESlex performs better exhalation & compliance.
- Inspiration trigger for auto start up
- In time alert function when mask/tubing offline
- Automatic leakage & altitude compensation ensure the therapy accuracy everywhere.
- Integrated & knock-down designed InH2 heated humidifier.
- DC 24V powered & infrared controlled humidifier make user safe & comfortable.
- Smart heater automatic restarts after short term break.
- Patented anti-counter current water tank
- Unique delay-off feature protects RESmart auto from humidity hazard.
- Powerful embedded memory stores last night's full raw data, 365 nights' user blog & more than 30 years' therapy record.

Technical Specifications

- Dimensions: 220 X 194 X 112 mm
- Weight: <1.6 Kg
- Temprature: 5 to 40 Degree to 20 to 55 Degree / Humidity: <80%
- Atmospheric Pressure: 860 to 1060 hPa 500 to 1060 hPa Standard Compliance
- Mode of Operation: Continuous
- AC Power Consumption: 100-240VAC, 50/60Hz
- Pressure Range: 4 to 20 hPa
- Pressure Stability: 4 to 30 hPa
- Maximum Flow: > 35 LPM
- Pressure Display Accy: 0.5 hPa

DF 201

With ECG

General Features (DF 201, DF301 and DF 401)
- Display: 7" Colour TFT with ECG display and printer/Recorder
- Input: 150 - 276 VAC, 50 Hz
- Output: 17W at 4A
- Power Consumption: 30 Watts (Max) in ECG mode
- Operating Temp: -5°C to +50°C
- Humidity: up to 95% non condensing
- Rechargeable lithium battery with charger (11.1V)
- LED Indicator: Low battery and battery charging

Additional General Features
DEFIB
- Papertype Printer: Thermal paper
- Operating Mode: Manual
- Paddle Assembly: Energy paddle assembly with coil retractable high voltage cable
- Waveform: Biphasic
- Energy: 2 to 200 joules in 12 steps (2,3,5,7,10, 20,30,70,100, 150, 200 joulesl
- Synchronous : Energy delivery begins within 60ms of the QRS Peak
- Adult & paediatric paddle integrated to same handle
e Charging timeless than 8seconds
- Checkmode: Manual testmode

DF 301

With ECG & printer

RENOMED INDIA
TECHNOLOGY OF FUTURE

DF 401

With ECG/AED & printer

AED Mode
- Waveform: **BiPhasic**
- AEC Shock series: Energy level from **150 to 200J**
- Charge command automatic after identifying arrhythmia
- Shock Command: Front panel button, Shock
- Charging Time: Less than 7 seconds
- Controls: Analyze, Pause
- Defibrillation Electrode: Malfunction, Self Adhesive, Adult electrodes
- Voice and Text Prompts: Voice and text prompts to guide user.

Pacemaker (Optional)
- Waveform: **Monophasic**
- Modes : **Demand or Non Demand**
- Amplitude: From 10mA to 150mA (Resolution of 10mA)
- Pulse Width: 40ms ($\pm$ 1ms)

Sp0$_2$ (Optional)
- Range: **O - 100%**
- Accuracy: 70 - 100%; +2%, 50 - 69%; +3%
- Pulse rate:Displayed when PR is deselected
- **PR Range: 10 - 25 Obpm**
- Pitch Variation with change in oxygen saturation

Additional General Features
- Operating Mode: Manual & AED
- Paper type Printer: Thermal paper
- Sp0$_2$, NIBP, Pacemaker, EtCO$_2$ is optional

ECG
- Lead Selection for ECG : Lead I, III and Ill
- **Sweep speed for ECG: 12.5, 25, 50mm/s**
- Waveform 1: **ECG**
- Waveform 2: **4 sec delayed (Cascaded)**
- Freeze Mode: To Freeze up to 4 Second ECG
- **Approx. 2** hours battery Backup
- Frequency response: 0.5Hz to 35Hz
- Patient isolation: Optical isolation
- Gain Setting: **0.5, 1 and 2**
- CMRR: $\geq$ 90 dB
- Digital Filter: DigitalSignal processing for good quality of ECG

PRINTER
- Frequency: From 20ppm to 250ppm (increments of 1ppm)
- Paper Type: Thermal paperSO/55mm width, 20 meters length for 2 inch printer
- Refectory period: 340ms (from 30 to 80ppm); 240ms (from 90 to 180ppm)
- Event Printing: Prints 5 seconds pre & post ECG with Date, Time, Energy and mode, Shock status
- Maximum Output Voltage:150V
- Impedance Range: 200 to 1k
- ECG in Defib Mode: Prints last 10 sec ECG through paddle
- Print Annotates in Defib Mode: Time, Date, Mode, Lead name, Gain, Sweep Speed
- Manual Defib Check Mode: Print the status of Shock, Energy, Date and Time

AED 100A

Semi Automatic External Defibrillator

Technical Specifications

- Defibrillator
Type Semiautomatic external defibrillator
Waveform: Biphasic Truncated Exponential
(Impedance compensated)
Energy Adult: 150 Joules paediatric:50 Joules
(Nominal in 500 Load)
Charge Time: Less than 6 to 9 seconds
Voice Prompts: Extensive voice prompts guide user
through operation of the unit and CPR
CPR Pacing Metronome
Controls Lighted On/Off button Lighted Shock
button
Indicators
» Check Pads
» Do not touchPatient
» Analyzing AED Status LED
- Defibrillation / Monitoring Pads
Model: Adult - DDP 1OOP, Child/Infant - DDP 20OP
Type Pre connected, Single - use, non - polarized,
disposable, self-adhesive electrodes with cable and
Connector
Surface Area 103cm (nominal, each pad) 50cm
(nominal, each pad)
Pad Pacement Adult - Anterior Child — Anterior /
Infant — Anterior & Posterior
Cable Length (typical) 48" (122cm)

Optional: Fully Automatic External Defibrillator

- Event Documentation
Internal Event Record Critical ECGSegments and
rescue event parameters rerecorded and can be
downloaded to a removable data card
PC-Based Event Review ECG with event tag
display, and audio playbackwhen available
Removable Storage (Optional) Up to 12 hours of
ECG and event data storage (no audio option) or
up to 2 hours of audio, ECG and event storage
(audio option) on a removable data card. Actual
length of storage is dependenton card capacity
**- Non rechargeable lithium/manganese dioxide
disposable (removable) battery**
- Battery Pack
Power 15V, 2800mAh/1400mAh
Capacity 300Shocks or Approx. 16 hours continu-
ous operation
Standby life 5 to 7 years
Type Lithium / Manganese Dioxide Disposable,
recyclable, non-rechargeable
Lowbattery indicators Visible, Audible
- Self Tests
Automatic Automatic daily, weekly, monthly and
quarterly circuitry tests
Battery insertion System integrity teston battery
insertion
Pad presence Pads pre-connected tested daily
User-initiated Unit and battery pack system test
may also be initiated by the user
Status indication Visualand audible indication of
units status
Size:8.5x11.8x2.7inches
Weight:4.4 lbs (2.OKg)

RENOMED INDIA
TECHNOLOGY OF FUTURE

WALL MOUNTED STAND FOR PATIENT

Product Description:
With our rich industry experience in this domain, we are introducing a comprehensive assortment of Wall Mounted Monitor Stand that is available in different specifications. We are providing this product at acceptable prices to our clients.

Features:
- Made in Aluminium Extrusion,
- Movement: Up and down, Left and right turn
- Meet Most of the brand
- Finish: Powder coated or Anodised

PATIENT MONITOR STAND ON WHEELS

Specification:
- Material: SS, Nylon
- Color available: Silver, gray and white
- Adjustable
- 5 Wheel

PEDIATRIC FINGERTIP

General Description

The children's fingertip pulse oximeter features in small volume, low power consumption, convenient operation and portability. it is only necessary forpatient to put one finger into fingertip photoelectric sensor for diagnosis, for patient to put one screen will directly show measured value of hemoglobin saturation. it has been proved in clinical experiments that it prossesses rather high precision and repeatability.

Detailed descriptions of product functions:

* Display Type: OLED display
* SpO2 Measurement range : 70% ~ 99%
   Accuracy: +2% on the stage of 80% ~ 99%;
   +3% on the stage of 70% ~ 79%;
   Below 70% no requirement
   Resolution: +1%
* PR:Measurement range: 30BPM ~ 240BPM
   Accuracy:+ BPM or +1%(the larger one)
* Pi index:measurement scope:0~20 (optional)
   Power : reachargable lithium battery
   Power consumption:below 30mA
   Automatic power-off the product shuts off by it self
   when no finger is in the product ≥8 seconds

Dimension : 44mm x 26.5mm
Operation Environment:Operation Temprerature:5? ~ 40?
             Storage Temperature:-10? ~ 40?
         Ambient Humidity: 15%~80% on operation
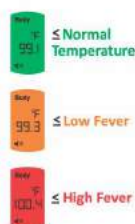   10% ~80% in storage
             Air Pressure : 70kPa ~ 106kPa

NONCONTACT INFRARED THERMOMETER

thermowave
non body contact infrared thermometer

Body °F ≤ Normal Temperature
99.1

Body °F ≤ Low Fever
99.3

Body °F ≤ High Fever
100.4

* 100% safe (non-mercury)
* User friendly and efficient as gives fast result in 1 seconds
* It can measure Object/Human temperature
* **Memory for 12 Measure**
* Alarm, if temperature exceeds
* Measures actual **temperature in °F & °C**
* **Auto off in 60 seconds**
* 3 colour Backlight LCD display
* No direct body contact required (Non - Contagious)
* Backlight LCD with **Tri colour display** according to Temperature value (Normal-Mild Green colour display, Moderate - Yellow colour and High Fever- Red colour)

RENOMED INDIA

TECHNOLOGY OF FUTURE

OXYGEN CONCENTRATOR

FEATURES:

- The System utilizes PSA (Pressure Swing Absorption) for oxygen generation.
- Self-contained system for the production of high concentration oxygen, using Molecular Sieve to separate the oxygen from the nitrogen in the ambient air.
- Oxygen is concentrated and redirected for use at front & Nitrogen is ejected.
- Purity of Oxygen accords to industry standards.
- Low consumption of power and low cost of oxygen production.

Double Bottle

Single Bottle

TECHNICAL SPECIFICATIONS

Flow Rate	0-5L/min
Purity	93 ±3%
Outlet Pressure (Mpa)	0.04-0.07
Sound Level	≤50db
Power	AC 230V, 50Hz (AC 220V/110v±10%, 50/60±lHz are available)
Power Consumption	≤480W
LCD Display	Switch times, Operating pressure, Present Working Time, Accumulating Time, Presetting Time from 10 mins to 40 hours
Alarm	Power failure alarm, High & Low Pressure alarm
Net Weight	25Kgs.
Size (mm)	365 x 375 x 600mm

Optional :

Low purity alarm : when oxygen purity is above 82%, it will give blue light, when the purity is below 82% (82% not included), it will give red light.

Maintenance alarm : alarm for maintenance after 3000 hours operation

Alarm for high temperature inside systems above 50 C

Pulse Oximeter : in-built pulse oximeter is available for monitoring patient oxygen saturation on site

Standard Accessories :

One humidifier Bottle, one Nasal Canula with extension tubing, One air filter set

Other Models Available :

5 lit. with dual flow
5 lit. with in-built nebuliser for simultaneous atomizing therapy
5 lit. with dual flow & in-built nebuliser for simultaneous atomizing therapy
10 lit./min models also available

CE FDA

JAUNDICE DETECTOR

RENOMED INDIA
TECHNOLOGY OF FUTURE

NO INFECTION

ACCURATE RESULTS
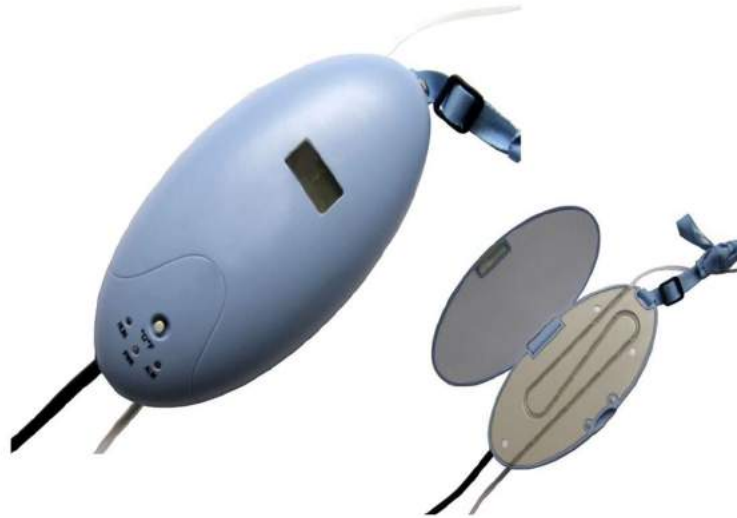
INSTANT READING

NO PAIN

NO INVASION

RENO Jaundice Detector is a handhold instrument used in the dynamic clinical examination of neonatal jaundice. It non-invasive and it instantly tests the transcutaneous concentration of bilirubin correlative with serum bilirubin concentration by placing it on the neonatal skin that prevents the neonates from any discomfort brought by blood drawing.

FEATURES

- Accurate result, instant and safe test
- LCD display for convenient observation
- Streamline design, delicate appearance, comfortable to hold
- Battery indicator clews battery power information and timely prompts battery replacement
- Instant test result reading, providing serum bilirubin concentration
- Storage and memory function
- Browse and delete function
- Convenient self-calibration
- Easy to operate and maintenance

RENOMED INDIA

TECHNOLOGY OF FUTURE

INFUSION/FLUID WARMER

RENO Infusion Fluid Warmer is an indirect heating device (dry heat warmer) and can be used repeatedly with standard IV infusion tubing set. The transfused fluid is heated up while passing through the infusion tube which is placed in S'shaped channel on the heating plate of the warmer. RENO is reliable and easy to use in various clinic sites.

- Portable and easy to use
- No special training is required
- Setup can be finished in 1 minute at most
- High accurate digital control for temperature
- Infusion fluid is regulated automatically to the set temperature in short time
- Acoustic and visible alarming mechanism prevents from over-temperature; automatic power cut-out protect patient from overheat of fluid
- No special disposable sets are needed can be used with standard I.V. tubing.
- Can be used for Routine transfusion, Low flow rate infusion in ICU, Transfusion exchange, High calorie infusion

TECHNICAL SPECIFICATIONS

Tube Size	3.0-4.0mm
Flow Rate	2-12ml/min (against temperature span: 25 C-41 C)
Power	110V+11V (AC) or 220V+23V (AC) Max. 70W 5042%Hz
Classification	Class 1 / Type B
Operation Conditions	5-40 C; Relative humidity: <80%
Unit Dimension	19.5 x 9 x 5.7cm
Packing Dimension	36.5x15.5x12.5cm
Weight	600g

CE FDA

RADIANT WARMER WITH LED PHOTOTHERAPY

- Micro processor based servo controlled electronic controller
- Skin, Air and Manual control with LCD screen
- Two bright digital displays combination of RED and GREEN continues monitoring of baby temp and set temp, set temp easily switchable to °C to °F
- Bright backlight LCD screen with full information along with alarm indication massages
- Source box made with high quality FRR grade fiber material for extra safety from electric shocks and corrosion.
- Newly designed oval shape baby tray with four sides collapsible clear acrylic panels, head up & down tilting facility for baby tray.
- 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
- Latest high bright super flux LED top surface phototherapy with digital timer

RENOMED INDIA
TECHNOLOGY OF FUTURE

RADIANT WARMER - 4200

Wall Mounted

Stand Warmer with Height Adjustment

Stand Warmer

Stand Warmer with Detachable Trolley

TECHNICAL SPECIFICATIONS

Dimensions
WIDTH : 90 cm
DEPTH : 110 cm
HEIGHT : 185 cm
MATTRESS SIZE : 70 cm x 50 cm x 4 cm
MONITOR TRAY SIZE : 27 cm x 32 cm

Features
HEATER : ±90° on both sides
HEATER ROTATION : Parabolic Reflector
OBSERVATION LAMP : 50W Hazzle Free Halogen lamp
MONITOR TRAY : ABS Plastic Molded
SIDE PANELS : Unbreakable Polycarbonate drop down
WHEELS : Strong Castor wheels with 2 brake
MATTRESS : Waterproof, Washable, Flame Resistant
MATTRESS FOAM DENSITY : 21- 25 kg/m³
IV POLE : Adjustable Height with two poles
INFUSION PUMP STAND : Stainless Steel rod
TEMPERATURE SENSOR : Thermistor based NTE Sensors with high resolution

Temperature Control
SUPPLY VOLTAGE: 190V - 250 VAC
SUPPLY FREQUENCY: 50 - 60 Hz
POWER CONSUMPTION: 750W
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, Manual
TIMER: 0 to 99 min
MANUAL MODE TIMER: 15 mins
ALARMS: Audio and Visual

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 disconnecon / not working
POWER FAILURE: If Power fails
BATTERY FAILURE: Rechargeable baery for power failure
SYSTEM FAILURE: If system hangs
HEATER FAILURE: If Heater stops working

RADIANT WARMER - 5200

RENOMED INDIA
TECHNOLOGY OF FUTURE

Optional Modules

LED Phototherapy

Inbuilt Resuscitation Module with T-Piece

Inbuilt LED Photo--therapy from above

Inbuilt SpO$_2$ Module

TECHNICAL SPECIFICATIONS

Dimensions

WIDTH : 90 cm
DEPTH : 110 cm
HEIGHT : 185 cm
MATTRESS SIZE : 70 cm x 50 cm x 4 cm
MONITOR TRAY SIZE : 27 cm x 32 cm

Features

HEATER : ±90° on both sides
HEATER ROTATION : Parabolic Reflector
OBSERVATION LAMP : 50W Hazzle Free Halogen lamp
MONITOR TRAY : ABS Plastic Molded
SIDE PANELS : Unbreakable Polycarbonate drop down
WHEELS : Strong Castor wheels with 2 brake
MATTRESS : Waterproof, Washable, Flame Resistant
MATTRESS FOAM DENSITY : 21- 25 kg/m³
IV POLE : Adjustable Height with two poles
INFUSION PUMP STAND : Stainless Steel rod
TEMPERATURE SENSOR : Thermistor based NTE Sensors with high resolution

Temperature Control

Microcontroller based ServoTemperature Control (PID)

5100	5200	5300	5400
Neotherm D10	Neotherm D20	Neotherm iLCD	Neotherm iWARM

Temperature Control

SUPPLY VOLTAGE: 190V - 250 VAC
SUPPLY FREQUENCY: 50 - 60 Hz
POWER CONSUMPTION: 750W
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, Manual
TIMER: 0 to 99 min
MANUAL MODE TIMER: 15 mins
ALARMS: Audio and Visual

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 disconnecon / not working
POWER FAILURE: If Power fails
BATTERY FAILURE: Rechargeable baery for power failure
SYSTEM FAILURE: If system hangs
HEATER FAILURE: If Heater stops working

RENOMED INDIA

TECHNOLOGY OF FUTURE

SINGLE SURFACE

Uniform Light Distribution
with 11 High Intensity LED Lamps
Lamp Unit Size 45cm x 30cm x 5cm
Lamp Tilt up to 90°
Height Adjustability up to 50cm
Life of Lamps - 30000 hours
Zero Noise Cooling Fan
Effective Irradiance $>30\mu W/cm_2$
Smooth Mobility lockable, anti-static
caster wheels
Easy Installation & Low Maintenance

Light Weight
Lamp Unit weighs not more than 3 Kg.
Easily removable from trolley to use over
Incubator or under surface phototherapy
Portable
Easily Removable to be placed above
incubator or below the Warmer Baby tray
to give under surface Phototherapy
Compact
Takes minimum space and the lamp unit
is very sleek
Observation Lamp
Two Observation White LEDs provide
enough light to observe the color of baby's
skin

LCD based Timer
Total Lamp Usage - hhhhh
Patient Timer - hhh:mm

Modern design
It is designed to occupy minimal
space without compromising the
comfort & treatment efficacy.

DOUBLE SURFACE

- Overhead LED Module has 11 High Intensity LED Lamps
  and 2 white LEDs for Observation
- Undersurface LED Module also has 11 high intensity LED
  Lamps and 2 white LEDs for Observation

Sturdy Baby Trolley consists of -
- Collapsible Side Panels
- Transparent Baby Tray with Bubble Mattress
- Height Adjustment and Angle Adjustment for Overhead
  LED Module
- Four Swivelling anti-static and lockable castor wheels

- LED Phototherapy from Above
- LED Phototherapy with Baby Tray
- LED Phototherapy from Below
- LED Double Surface Phototherapy Unit
- LED Double Surface Phototherapy Unit with Detachable
  Trolley

BUBBLE CPAP

Infant Gas Delivery Unit
- Air-O_2 Mixer mixes Air & O_2 from 21% to 100% based 22 on their flow levels.
- Flow meter controls the flow of Air-O_2 from 0 to 15LPM 2
- Analog Manometer displays the delivered pressure.
- MAP Valve controls the maximum pressure to be delivered.

Breathing Circuit
- Heated Wire based circuit with corrugated, flexible & light weight breathing tubes.
- Maintains the temperature along the tube for consistent flow of warm and humid air.
- Disposable & Re-usable options available.

Servo Humidifier
- Dual Control: Air & Chamber Temperature
- Operation: Invasive as well as Non-Invasive
- With High/Low alarms for Air & Chamber mode
- Heated wire operation

Bubble Generator
- CPAP Pressure - 0 to 10 cmH$_2$O
- Rotating Pressure Adjustment Lever
- 360 degree Swivel inlet connector
- Easy to refill water level adjustment port

Air Oxygen Blender

Servo Humidifier

Medical Air Compressor

Respiratory Humidifer

Infant Gas Delivery Unit

RENOMED INDIA

TECHNOLOGY OF FUTURE

BABY CRADLE

Baby Cradle is specially designed for ease of access for minor procedures during the treatment with complete comfort for the infant as well as to observe the infants.

Features:
- High Strength
- Ease of Accessibility
- Easy access to baby
- Transparent side panels
- Sturdy design

BABY WEIGHING SCALE

We offer baby weighing scale widely used in hospitals and maternity centers.

Special Features
- Digital filtering for accurate and stable readings
- Bright LED Display
- Attractive Design
- Weight HOLD function

Capacity
- Baby Weighing Scale: 30 Kg
- Adult cum Baby Weighing Scale: 200 Kg

INFANT RESUSCITATOR

* Infant Resuscitator will safely inflate the baby's lungs and provide optimum oxygenation by delivering consistent PIP with each breath avoiding the risks associated with under or over inflation at uncontrolled pressures.
* Accept and deliver oxygen concentrations from 21% to 100% coming from a flow meter or a blender.
* The patient T-Piece can connect to neonatal masks or endotracheal tubes.
* Helps to establish and maintain Functional Residual Capacity (FRC) by providing a consistent PEEP throughout the resuscitation process.

* An accurate manometer provides constant reassurance of mask seal and delivered PIP and PEEP.
* Consistent PEEP can be delivered to assist with breathing during transport or ventilator circuit change.

INFANTOMETER

RENOMED INDIA
TECHNOLOGY OF FUTURE

- Simple, Space saving solution to measure height of the baby
- Measuring Range: 45 cm to 90 cm
- Light weight and Easy to transport
- Well designed with simple assembly
- Accurate results

INFANT VEIN VIEWER

- Super bright LED optimized for vein viewing
- Superficial veins can be seen and accessed anywhere on the
- Infants body
- Rechargeable battery

OXYGEN HOOD

Manufactured from transparent acrylic, reusable oxygen hoods provide all round visibility of the patient. The edges of these oxygen hoods are hand polished for smoothness and aid effective cleaning.

Features
- Two side silicone window to access procedures easily
- Silicon rubber Neck Port adjustment to minimize the wastage of oxygen
- Silicon rubber Neck port adjustment ensures can be used Neonate/Infant/Pediatric

Patients
- Oxygen inlet Port
- Optimal oxygen concentration and temperature control
- CE Marked

Size: 297×284×192mm
Net Weight:0.86kg

RENOMED INDIA

TECHNOLOGY OF FUTURE

Service Center

Guwahati
Patna Siliguri
Agartala Silchar
Muzaffarpur Bhagalpur
Baharampur
Ahmedabad Ranchi
Kolkata
Telangana Bhubaneswar
Mumbai
Hyderabad
Tamil Nadu

Marketed & Service by

S I Surgical Private Limited

SIS House, NH6 Uttar Nibra, 2no Pump
House, Oppo: Mandirtala Sporting Club,
Howrah-711409, (W.B), India.
Phone No. : +91-033-2669-0085(4 Lines)
Mobile: +91-9836296422
E-mail : info@sisurgical.co.in/sisurgicalcorp@gmail.com
Web: www.renomedindia.com

CE FDA