ECG

C.O.

PRINTER

NIBP

IBP

CO$_2$

RESP

TEMP

SpO$_2$

# Your partner in advancing medical care.

## Parameters

ECG
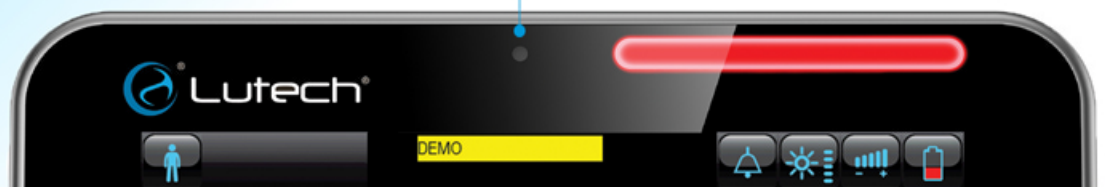SpO2
NIBP
Respiration
Temperature

## Options

Printer
IBP
C.O.
CO2

# Portable . Versatile . Accurate

Adjusts the brightness of the screen automatically by detecting the ambient light.

# Auto-brightness Sensor

# Brand New Crystal Clear Interface

Out with the old and in with the new.

A beautifully redesigned user interface to launch you and your practice into the 21st Century!

# 3 Sided Alarm Lights

Easily spot the alarm no matter where you are in the room.



# Specifications

## Safety & Certification
ISO 13485
CE
FDA (Expected 2019)
ROHS
NRTL USA and Canada

## Dimension & Weight
Dim: Varies depending on model number.
Weight: 5.5lb (2.5kg)

## Operating Environment
Temperature Range: 41-104°F (5 - 40 °C)
Relative Humidity Range: 30% - 85% (Non-condensed)
Atomospheric Pressure Range: 700-1060mbar (hPa)

## Power
Input voltage: 100V-240V
Frequency: 50/60Hz
Input power: 160VA

## Performance Specifications
Patient Applications: Adult, Pediatric and Neonate
Display: color TFT LCD touch screen
Display Size: 8.4 in
Display Resolution: 800x600 pixels
Interface: parameter cable interface,
    AC power input socket,
    network interface, Wired and Wireless Connectivity, USB socket,
    auxiliary output, interface (nurse call)
Trace: ECG, SpO2, RESP
Sweep Speed: 12.5, 25, 50mm/s
Alarm Type: audio and visual
Alarm Adjustment: high/middle/Low limits,
    event recall
Alarm Indicator: yellow & red
AC Power Indicator: 1 green
Battery Status Indicator: 1 green
Audible Alarm Level: high/middle/low
Audio Type: alarm, touch, QRS, PR
Battery: 11.1V 4400mAh
Battery Type: Lithium Ion
Battery Time: 4 hours
Trend Time: One Week
Networking: central monitoring system
Printer: built-in thermal array printer
Printer Data: waveform & data table

Printer Mode: manual/on alarm/ &
    time defined
Printer Speed: 12.5, 25, 50mm/s

## ECG
Lead Type: 3-lead (I, II, III)
    5-lead (I, II, III, aVR, aVL, aVF, V)
Mode: diagnostic/monitor/surgery
Wave Sweep Speed: 12.5, 25, 50mm/s
ST Segment and Arrhythmia monitoring

## SpO2
Brand: Nellcor
Display: digital, waveform
Range: 0%-100%
Resolution: 1bpm
Accuracy: ±2% (70-100%)
    ±3% (50-69%)
PR Range: 20-300bpm
PR Accuracy: ±3bpm
Alarm Settings: adjustable lower
    and upper limit alarms

Brand: Lutech
Display: digital, waveform
Range: 0%-100%
Resolution: 1bpm
Accuracy: ±2% (70-100%)
PR Range: 25-250bpm
PR Accuracy: ±2%
Alarm Settings: adjustable lower
    and upper limit alarms

## Respiration
Method: thoracic impedance
Range: 0-120rpm
Accuracy: ±2rpm

## NIBP
Method: automatic oscillometric
Mode: manual/automatic/continous
Type: SYS/DIA/MEAN
Auto Mode Time Adjustments: 1, 2, 3, 4, 5,
10, 15, 30, 60, 90, 120, 180, 240, 480min
Unit: mmHg/Kpa selectable
Large:    SYS: 40-270
    DIA: 10-210
    MEAN: 20-230

Medium:  SYS: 40-200
    DIA: 10-162
    MEAN: 20-175
Small:    SYS: 40-130
    DIA: 10-90
    MEAN: 20-100
Alarm Type: SYS/DIA/Mean
Accuracy: ±5mmHg
Pressure Range: 10-270mmHg

## Temperature
Range: 32 - 122 °F (0 - 50 °C)
Resolution: 0.18°F (0.1°C)
Accuracy: ±0.5°F (±0.3°C)
Unit: °F/°C selectable

## IBP
Range: -50 - 400mmHg
Channel: 2 channel
Accuracy: ±1% or ±2mmHg, whichever is
    greater
PR Range: 35-250bpm
PR Accuracy: ±3bpm

## CO2
Brand: Respironics
Type: Mainstream or Sidestream
Range: 0 - 150mmHg
Resolution: EtCO2: 1mmHg
    FiCO2: 1mmHg
    AwRR: 1rpm
Accuracy:  0 - 40 mmHg ± 1 mmHg
    41 - 70 mmHg ± 5% of reading
    71 - 100 mmHg ± 8% of reading
    101 - 150 mmHg ± 10% of reading

## Standard Configuration
5-lead ECG
SpO2
NIBP
Respiration
Temperature

## Optional Configuration
IBP
CO2
C.O.
Printer