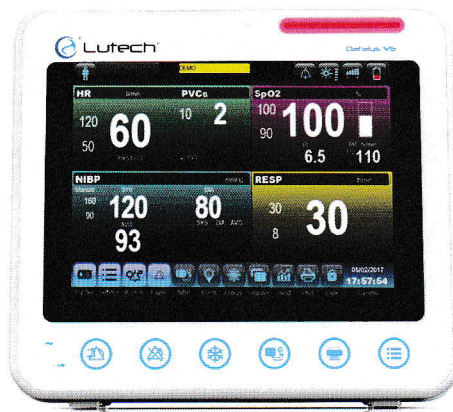


3 Sided Alarm Lights

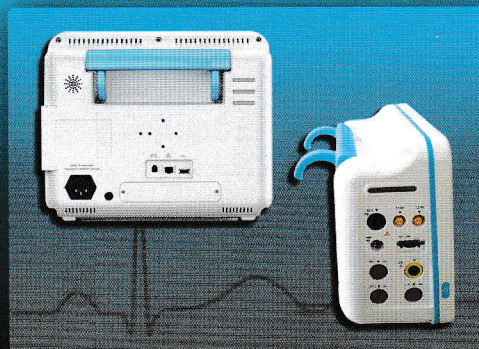
Easily spot the alarm no matter where you are in the room.



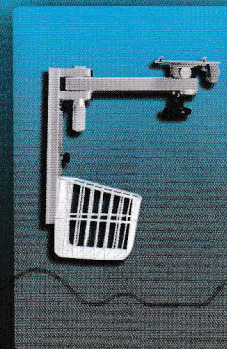
Mounting

Available with Datalys 805 and 807.

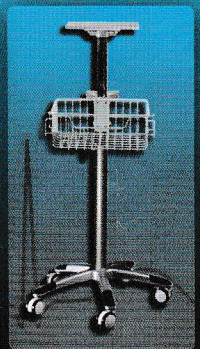
The Datalys 800 series come with a variety of mounting options and accessories to ensure you get the most out of your monitors.



Convenient retractable bed rail hooks

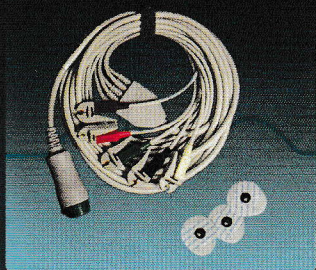


Wall Mount

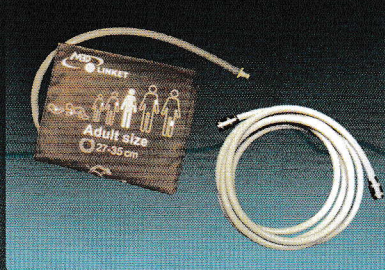


Mobile Mount

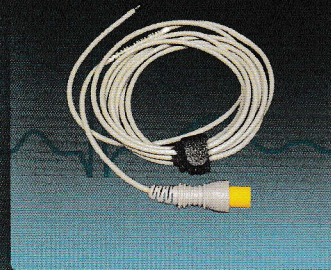
ECG



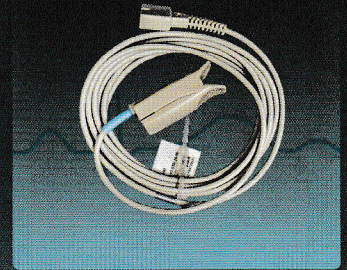
NIBP



TEMP



SP02



Standard Accessories

www.lutechmedical.com | info@lutechmedical.com

Specifications

Safety & Certification

ISO 13485:2003/EN ISO 13485:2012
ISO 9001:2008
CE
ROHS
NRTL USA and Canada

Dimension & Weight

Dim: Varies depending on model number.
Weight: 5.5lb - 11.1lb (2.5kg - 5kg) depending on model number

Operating Environment

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

Power

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

Performance Specifications

Display: color TFT LCD touch screen
Display Size: 8in
Display Resolution: 800x600 pixels
Interface: parameter cable interface,
AC power input socket,
network interface, 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
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

SpO2

Brand: Masimo
Display: digital, pulse column,
waveform, PR, PI
Range: 0%-100%
Resolution: 1bpm
Accuracy: $\pm 2-3$ digits (no motion)
 $\pm 5-5$ digits (motion)
PR Range: 25-250bpm
PR Accuracy: ± 1 bpm
Alarm Settings: adjustable lower
and upper limit alarms

Respiration

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

NIBP

Method: automatic oscillometric
Mode: manual/automatic/continuous
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: ± 5 mmHg
Pressure Range: 10-270mmHg

Temperature

Range: 32 - 122 °F (0 - 50 °C)
Resolution: 0.18°F (0.1°C)
Accuracy: $\pm 0.5^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$)
Unit: °F/°C selectable

IBP

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

CO2

Brand: Masimo
Type: Mainstream or Sidestream
Range: 0 - 150mmHg
Resolution: EtCO2: 1mmHg
FiCO2: 1mmHg
AwRR: 1rpm
Accuracy: ± 0.3 kPa + 4% of reading

Standard Configuration

5-lead ECG
Masimo SpO2
NIBP
Respiration
Temperature

Optional Configuration

IBP
CO2
C.O.
Multi-gas
Printer