

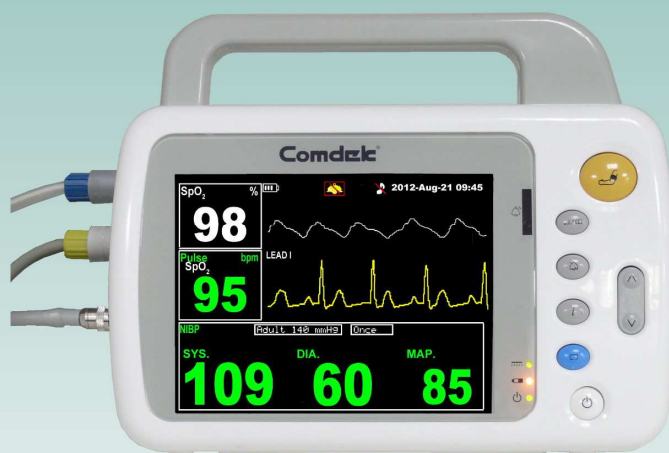
PORTABLE MONITOR

Comdek[®]

MD-830 Vital Signs Monitor

The utmost in accuracy and efficiency, Comdek MD-830 Vital Signs Monitor offers reliable automated NIBP, SpO₂/Pulse, EKG and optional Temperature - for Pediatric and Neonatal patients - which brings patient monitoring to a new standard. Ease of use, portability and advanced features make it an ideal monitor to be used throughout the hospital, in transports and in home care applications.

Up to three-hour battery backup with 200-hour memory capacity, it can facilitate patient transfer to the recovery room without interrupting the continuous monitoring of vital signs. Transferring patient data to PC via USB port or optional Wireless for data analysis conveniently. Comdek MD-830 Vital Signs Monitor is the definition of "advanced monitoring made affordable."!



Specification

MD-830 Portable Vital Signs Monitor

SpO₂

SpO ₂ Accuracy:	70% ~ 100% ± 2%
	50% ~ 69% ± 3%
	< 50% unspecified
SpO ₂ Default:	Upper 100% / Lower 85%
Pulse Accuracy:	20 ~ 250 bpm ± 1%
Pulse Default:	Upper 150 bpm / Lower 30 bpm

NIBP

Method:	Oscillometric
Range :	Neonate Mode 30 ~ 150 mmHg
	Adult Mode 30 ~ 300mmHg
Accuracy	± 3 mmHg
Cuffs Sizes:	Adult, Children, Neonate
NIBP Default:	Systolic Upper 200 mmHg /Lower 90 mmHg
	Diastolic Upper 105 mmHg /Lower 40 mmHg
Parameters:	Systolic, Diastolic, MAP Pressure

EKG

■ HR Accuracy:	15-300 bpm (± 10% or ± 5bpm)
■ Resp Accuracy:	0 to 120 1/min (± 1 1/min)
■ One channel, 3-lead	
■ Configuration :	3-lead
■ Lead Selection :	Lead I
■ Display Gain :	0.5 , 1 , 2 (mv/cm)
■ Defibrillation Protection	

Temperature (Optional)

Temp Accuracy:	20.0 ~ 37.4 °C (± 0.2°C)
	37.5 ~ 38.0 °C (± 0.1°C)
	38.1 ~ 45.0 °C (± 0.2°C)
Channel:	One-Channel (can extend to Two-Channel)
Probes:	YSI400 Probes Compatible
Default Setting:	Upper 42°C / Lower 35°C

Alarm

SpO ₂ Alarm Range:	0 ~ 100%
Pulse Alarm Range:	20 ~ 300 bpm
NIBP Alarm Range	30 ~ 300 mmHg
TEMP Alarm Range	20 ~ 45 °C

Power

- Power Input : AC adapter , DC 15V
- Removable battery pack
- Battery Operating Time : 4 hrs
- Recharge Time : 3.5 hrs
- Power Consumption : < 30W

External

- External USB port x 1 (Type A connector)

Data Transmission

- USB Transmission
 - Type Mini B connector
- Wireless Transmission (Optional)
 - Type Mini B connector
 - 2.4 GHz
 - 3dBm RG power
 - Spread Spectrum Technology
 - Internal Antenna
 - Distance : 60m

Optional Application Software

- Smart Link® VI Software/ USB Version
- Smart Link® Software/ Wireless Version


Environmental Specification

- Storage Temperature : -20°C ~ 70°C
- Operation Temperature : 0°C ~ 55°C
- Relative Humidity : 15 % ~ 95 % (Non-condensing)

Other Specifications

- Waveforms: SpO₂ and EKG
- Trend Function with 200 hours memory capacity
- Extend Display: VGA Connector (Optional)
- Multi-language selection
- Display : Color LCD Display 5.7", 640X480 pixels
- Dimension : 200 (L) x 70 (W) x 130 (H) mm (Without handle)
- Weight : 1.75 kg (with battery pack)
- Keys : NIBP Hot-key, other control keys

Quality System:

ISO 9001 , ISO 13485, GMP,  0434

Safety Approved:

EN-60601-1, EN-60601-1-1, EN-60601-1-2

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◆ Specifications are subject to change without notice

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