

PORTABLE MONITOR

Comdek®

Portable Vital Sign Monitor

Comdek MD-810 Portable Vital Signs Monitor measures three critical parameters Pulse/SpO₂, NIBP and Temperature - on pediatric to adults - with large LED display. Designed to travel everywhere you do, the MD-810 series are equipped with optional carry handle that attaches quickly and easily to IV pole mounts or roll stands. User-friendly adjustable alarm range and professional NIBP auto measuring presetting function provide maximum versatility.

Smart rechargeable battery and power management allows up to 8 hours continuous working on a single charging with 200 hours memory capacity. Fast reading and low noise also with a compact design that is easily set-up for spot-checks in health evaluation center, nursing center, First Aid, Pre-Hospital and Emergency room etc. Comdek MD-810 Portable Vital Signs Monitor adapt readily to hospital, clinical and transport requirement



Specification

MD-810 Portable Vital Sign 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

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 : 8 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

- Trend Function with 72 hours memory capacity
- 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

Distributed by



◆ Specifications are subject to change without notice

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