

# PORTABLE MONITOR

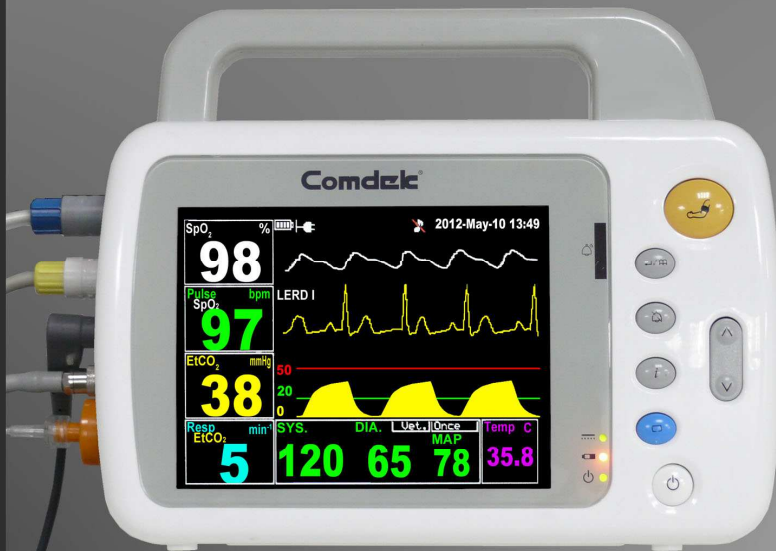
Comdek®

## Portable Multifunction Monitor

The MD-800 series provides a comprehensive set of essential vital signs, including SpO<sub>2</sub>, Pulse Rate, EKG, NIBP, EtCO<sub>2</sub>, Respiration, Temperature and Invasive Blood Pressure, and is able to customize customer's needs upon request.

The device displays the waveforms, as well as stores data in horizon trends that can identify the changes in patient's physiological condition. Its replaceable and rechargeable battery life is continuously at least 3-4 hours, no need to worry about power supplying when outdoor monitoring or emergency transportation.

Its lightweight design, intuitive menu and easy operation provide a user-friendly interface and ideally apply for Hospitals, Clinics, Home Care, Ambulance, First Aid Support and Military System.



# Specifications

## MD-800 Portable Multifunction Monitor

### SpO<sub>2</sub>

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

### EtCO<sub>2</sub> (OPTIONAL)

Method:	Side Stream Technology
Measurement:	Non-Dispersive IR Absorption
EtCO <sub>2</sub> Accuracy:	0 ~ 38 mm Hg ± 2 mm Hg
	39~100 mm Hg ± 5 mm Hg
EtCO <sub>2</sub> Default:	Upper 50 mmHg / Lower 30 mmHg
Resp Accuracy:	0 ~ 30 1/min (± 2 1/min)
	30 ~ 100 1/min (± 5 1/min)
Resp Default:	Upper 20 bpm / Lower 5 bpm
Flow Rate:	75 , 150 , 250 ml/min (Default 75 ml/min)

### 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 <sub>2</sub> Alarm Range:	0 ~ 100%
Pulse Alarm Range:	20 ~ 300 bpm
EtCO <sub>2</sub> Alarm Range	0 ~ 100 mmHg
Resp Alarm Range	0 ~ 120 1/min
NIBP Alarm Range	30 ~ 300 mmHg
TEMP Alarm Range	20 ~ 45 °C

### External

- External USB port x 1 (Type A connector)

### Power

- Power Input: AC / DC adapter, DV 15V
- Removable battery pack
- Battery Operating Time : 4 Hours  
(Backlight on minimum mode and NIBP off)
- Recharging Time : 3.5 Hours
- Power Consumption: < 30W

### Data Transmission

- USB Transmission
- Type Mini B connector
- Wireless Transmission (Optional)
- 2.4 GHz
- 3dBm RF power
- Spread Spectrum Technology
- Internal Antenna

### Optional Application Software

- Smart Link<sup>®</sup> Software/USB Version
- Smart Link<sup>®</sup> Software/Wireless Version


### Environmental Specifications

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

### Other Specifications

- Waveforms: SpO<sub>2</sub>, EtCO<sub>2</sub> 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

### COMDEK INDUSTRIAL CORP..

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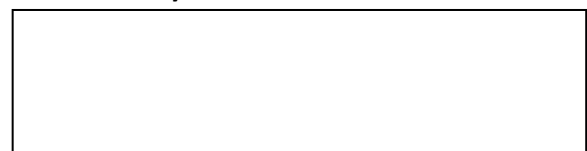
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