

uPM60

Handheld Vital Signs Monitor

The uPM60 Handheld Vital signs Monitor puts pulse oximetry, RESP and ETCO2 technology in your palm. Designed to provide fast, reliable SpO2, PR, RESP, ETCO2 measurements. It is a portable device for spot-checking, record or monitoring of adult, pediatric and neonate patients. It can be used in the hospital, clinical environment, homecare, and during emergency land transportation. The uPM60 is available in multiple configurations, such as SpO2+PR, SpO2+RESP, SpO2+ETCO2, SpO2+ETCO2+RESP etc.

- 3.5" high resolution color touchscreen, 320 X 480 pixels.
- Wearable detection technology to measure both respiratory rate and respiratory waveform.
- Support for adding mainstream or sidestream ETCO2 module.
- Two types of power supply: AC charge or Lithium-Ion Battery.
- Three measurement modes: spot-check, record and monitoring.
- Continuous storage of data for 999 patient files in 120 hours.
- Data can be stored on a computer and managed, analyzed and printed with data analysis system.
- Silent sleep monitoring, with data storage and automatic power-saving features for patients with 24 uninterrupted care.
- Suitable for adults, pediatric and neonate patient.



New system and capacitive touchscreen offers fast, intuitive operation.



Charging base with a sidestream ETCO2 module in it (optional).



Wearable respiratory sensor can recording waveforms and rate in a non-invasive way (optional).



One system supports two types of external ETCO2 modules (optional).

SPECIFICATIONS

Enclosure

Weight	280g (0.617lb) with batteries
Dimensions	78.5mm W x 158mm H x 31.5mm D (3.09 in. W x 6.22 in. H x 1.24 in. D)

Display

Screen size	88.9mm (3.5 in.), measured diagonally
Screen type	TFT LCD, white LED backlight, viewing cone of 60° and optimal viewing distance of 1 meter
Resolution	320 x 480 pixels

Alarms

Categories	Patient status and system status
Priorities	Low, medium, and high
Notification	Audible and visual
Setting	Full storage, low battery and sensor off
Alarm volume level	45 to 85 decibels
Alarm system delay	<10seconds

SpO2

Aturation range	1% to 100%
Accuracy	70–100% (±2%), <70% undefined
Resolution	1%
Display sweep speed	10.00 mm/sec

Pulse Rate

Aturation range	25bpm to 250bpm
Accuracy	±2bpm/±2% take maximum
Resolution	1bpm

Trend

	Tabular
Memory	Saves a total of 120 hours of data events; saves date and time, alarm conditions, measurements
Tabular format	One table for all parameters

RESP (Optional)

Aturation range	0–150rpm
Accuracy	±1 pm
Resolution	1rpm

ETCO2 (Optional)

Mode	Sidestream or Mainstream
Aturation Range	0–150mmHg
Accuracy	0–40mmHg ±2mmHg 41–150mmHg ±10% of reading
Resolution	0.1mmHg
Flow rate	50ml/min ±10ml/min

Electrical

Battery	Lithium-Ion batteries with 4,400mAh will typically provide 15 hours of monitoring with no external communication, no audible alarm sound, and at an ambient temperature of 25°C
Type	Lithium-Ion Battery
Voltage	3.7V

Environmental

	Transport and Storage	Operating Conditions
Temperature	–20°C to 60°C (–4°F to 140°F)	0°C to 45°C (32°F to 113°F)
Altitude	–500 to 5,000m (–1,640 to 16,404 ft.)	
Relative humidity	15% to 95% noncondensing	

Configuration

Standard	Adult finger clip SpO2 sensor, Main unit
Optional	Neonate SpO2 sensor, Pediatric SpO2 sensor, Various SpO2 sensors (ear clip, disposable, silicone soft tip, etc), RESP/ETCO2/Charging base/Protective Cover/AC Adapter /Data Analysis Software

ACCESSORIES



Pediatric SpO2 sensor



Neonate SpO2 sensor



Mainstream ETCO2 Module



Disposable SpO2 sensor



Respiration sensor



Sidestream ETCO2 Module



Data Analysis Software

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