



Essential measurements for multiple care environments

SureSigns VM8 portable bedside monitor

The Philips SureSigns VM8 now includes an apnea alarm, providing you with essential measurements for a variety of care environments in one easy-to-use, compact monitor.

Every Philips SureSigns monitor blends vital measurement and monitoring capabilities with convenience and reliability. Patient monitoring – and quality patient care – have never been more clear.

PHILIPS
sense **and** simplicity

SureSigns VM8. Essentially

Easy to learn, easy to use

The VM8, like all SureSigns monitors, is easy to set up, easy to use, and easy to support. Latest features include apnea alarms, which for monitors without CO₂, can sense changes in transthoracic impedance between the right arm and left leg of the ECG cable set. For monitors with CO₂, apnea alarms are based on the patient's airway respiration rate, which is calculated by directly measuring air movement in and out of the airway. A new algorithm from Oridon (SARA) helps reduce clinically insignificant low-respiration alarms.

An enhanced patient menu contains added patient ID input fields such as MRN, Transaction/Visit, Location, and Operator. These IDs can easily be entered with a barcode scanner (optional). Intuitive navigation puts your most commonly used features at your fingertips. And using the VM8 has become even easier with the addition of tool tips, import/export of configuration settings, and options for printing waveforms (7 or 20 seconds).

Connect to the SureSigns VSV: a simple way to be everywhere at once

The Philips SureSigns Vital Signs viewer is an affordable, dependable, and simple way to add the benefits of central viewing and alarming without the complexity or expense of a traditional PC-based central station. Connect up to 12 SureSigns VM monitors at a time.

All the support you need

The SureSigns VM8 is backed by high-quality technology and support. Software upgrades, via the USB port, are remarkably quick and easy. The sleek modular design simplifies set up and repair. Our warranty adds to your peace of mind.



Sleek roll stand with integrated basket and locking casters makes it easier to take the SureSigns VM8 patient monitor where it's needed. Wall mount also available. Each is designed for easy mounting and quick release.



The Philips VSV allows you to check the status of up to 12 patients at a glance.



advanced.

Lightweight, at only 3.7 kg (8.2 lbs).

Integrated bedrail hanger for maximum flexibility.

Sturdy handle and rugged housing for easy portability.

Large 10.4" (26.4 cm) color display with up to four waveforms and numerics is bright and easy to read.

Lithium ion battery is standard.

Fixed keys for quick access to main functions.

Non-invasive blood pressure (NBP) supports the Philips NIBP hardware module and includes manual, interval, and STAT modules.

Integrated strip recorder for convenient documentation (optional).

Up to 96 hours of measurement trends.

Bar code scanner for convenient entry of patient ID (optional).

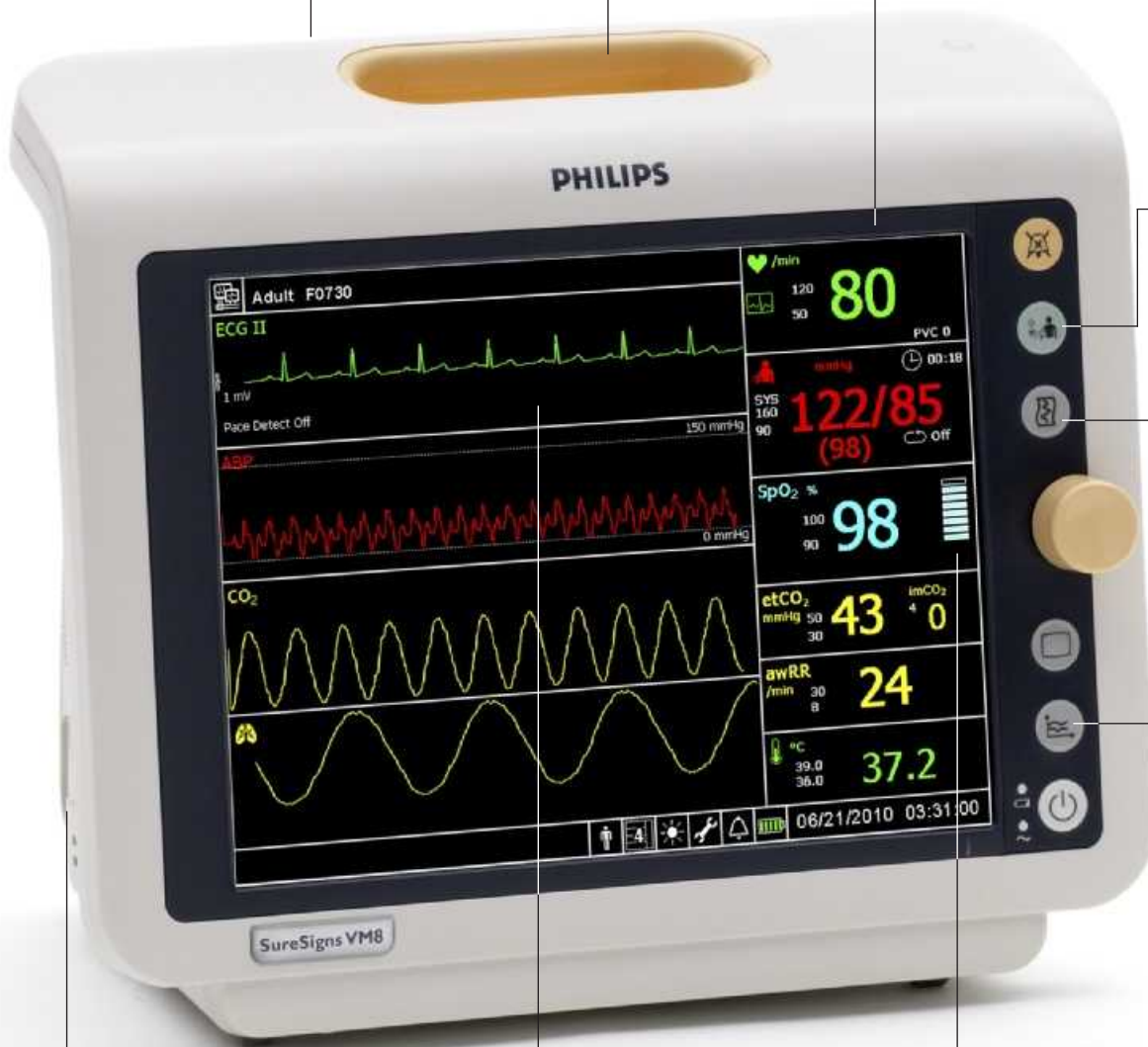
USB port for easy software upgrades.

Microstream etCO₂ is an ideal solution for intubated and non-intubated patients in care settings in which capnography measurement is needed (optional).

User-selectable 3- and 5-lead ECG with pace pulse detection and a 'leads off' alarm.

Philips SpO₂ technology compatible with a wide variety of adult, pediatric, and neonatal sensors.

* Adapter cable required.



Product specifications	
Width, height, depth	W: 32 cm (12.6"), H: 27 cm (10.6"), D: 17.5 cm (6.9")
Weight	3.5 kg (7.7 lbs), excluding optional recorder and CO ₂
Screen	10.4" (26.4 cm) SVGA TFT-AM LCD
NBP	- Oscillometric using stepwise deflation pressure - Adult measurement range - Systolic: 30 – 270 mmHg - Diastolic: 10 – 245 mmHg - MAP: 20 – 255 mmHg - Pulse rate range: 40 – 300 bpm - Pediatric measurement range - Systolic: 30 – 180 mmHg - Diastolic: 10 – 150 mmHg - MAP: 20 – 160 mmHg - Pulse rate range: 40 – 300 bpm - Neonatal measurement range - Systolic: 30 – 130 mmHg - Diastolic: 10 – 100 mmHg - MAP: 20 – 120 mmHg - Pulse rate range: 40 – 300 bpm - Blood pressure accuracy - Maximum standard deviation: 8 mmHg - Maximum mean error: ± 5 mmHg - Pulse rate accuracy 40 – 100 bpm: ± 5 bpm 101 – 200 bpm: $\pm 5\%$ of reading 201 – 300 bpm: $\pm 10\%$ of reading
IBP	- ABP/CVP/PAP measurement range: -40 – 360 mmHg - Overall accuracy (including transducer): greater of ± 4 mmHg or $\pm 4\%$
SpO ₂	- Measurement range: 0 – 100% - Accuracy depends on sensor
ECG	3- or 5-lead; heart rate range: 15 – 300 bpm - Heart rate accuracy: greater of $\pm 1\%$ or ± 5 bpm - Arrhythmia analysis
CO ₂	- Range: 0 – 150 mmHg - awRR: Respiration rate measurement range: 0-150 breaths per minute accuracy ± 1 bpm when between 0-70 bpm accuracy, ± 2 bpm when between 71-120 bpm accuracy, ± 3 bpm when between 121-150 bpm - Accuracy: 0 – 38 mmHg ± 2 mmHg 39 – 150 mmHg $\pm (5\%$ of reading + 0.08% for every 1 mmHg above 38 mmHg)
Temperature	- Mode: continuous - Method: esophageal, rectal or skin - Range: 25 – 45°C (77 – 113°F) - Accuracy: $\pm 0.1^\circ\text{C}$ ($\pm 0.2^\circ\text{F}$)
Battery	- Lithium ion, 10.8 – 11.1V - Operating time: 4 hours with continuous monitoring and NBPs every 15 minutes
Data output	HL7 format, via Ethernet port
Patients	Adult, pediatric, neonatal

863068 SureSigns VM8
R01 Recorder (optional)

863066 SureSigns VM8 with
Microstream CO₂
863067 SureSigns VSV

* Additional supplies available. Please contact your
Philips representative for more information.
** Depending on model ordered.

Supplies included*	To re-order
Adult antimicrobial NBP cuff	M4555A
NBP interconnect tubing	M1599B
Adult finger SpO ₂ sensor	M1196A
3-lead ECG lead set with grabber cable	989803143171 (IEC) or 989803143181 (AAMI)
Recorder paper (5 rolls)**	989803136891
Also available	To order
Roll stand with basket	989803144001
Wall mount	989803144011
Bar code scanner kit	1D: 989803167691 2D: 989803147821

A simple way to be everywhere at once

Connect with the SureSigns Vital Signs Viewer to show status from up to 12 patient monitors at a time.

Getting started

Each monitor comes with set-up guide, instructions for use, quick reference cards, user training DVD, and service manual on CD.



Supplies for the SureSigns VM8 include a wide selection of disposable and reusable SpO₂ sensors, all designed for precise, reliable readings that help provide optimal performance of your equipment.

buy online⁺

<http://shop.medical.philips.com>

+ Available only in U.S.

Please visit www.philips.com/SureSigns



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