

# PHILIPS

Patient Monitoring

Masimo  
measurements



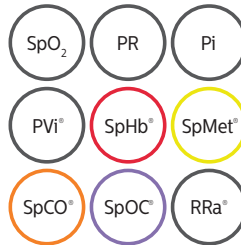
## The power of two. Working as one.

Philips patient monitors with integrated Masimo measurements work together to provide you with continuous visibility to core vital signs and advanced parameters like noninvasive hemoglobin (SpHb<sup>®</sup>), Pleth Variability Index (PVi<sup>®</sup>), and acoustic respiration rate (RRa<sup>®</sup>) at the point of care. So you can confidently provide the best patient experience possible – no matter where care takes place.



The global leader in patient monitoring solutions.<sup>1</sup>

**PHILIPS**



An innovator in noninvasive sensing – with Masimo rainbow SET<sup>®</sup> technology.



### Greater visibility. Deeper insight.

With Philips and Masimo at work, you can view, access and share a wealth of in-depth patient data at every stage of care – from the scene of an emergency to admission to discharge to home.



**Continuous, gap-free monitoring in between lab samples.**



**Data connectivity without added equipment.**



**Streamline workflow, reduce operational costs.**



**Advanced clinical insights in Pre-Hospital, ED, OR, ICU, General, and Home Care.**

# More data. Better decisions.

Masimo rainbow SET® technology expands the capabilities of Philips IntelliVue patient monitors. So you know more and can respond sooner – to make timely, informed care decisions with confidence.

## Standard parameters



Functional oxygen saturation



Pulse rate



Perfusion index

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

Masimo SET® pulse oximetry helps overcome the challenges of low perfusion and interference from motion artifact that limit conventional SpO<sub>2</sub>.

### PR

Pulse Rate is the number of arterial pulsations at the measurement site per minute.

### Pi (Perf)

Perfusion index represents a noninvasive measure of perfusion at the measurement site.

## Optional rainbow parameters



Pleth variability index



Total hemoglobin



Methemoglobin



Carboxyhemoglobin



Oxygen content



Acoustic respiration rate

### PVi®

Pleth Variability index continuously measures the dynamic changes in Perfusion Index (Pi) that occur during the respiratory cycle.

### SpHb®

Noninvasive and continuous monitoring of changes in Total Hemoglobin.

### SpMet®

Noninvasive, continuous monitoring of Methemoglobin Saturation.

### SpOC™

Oxygen Content, which is calculated by using SpO<sub>2</sub> and SpHb, is used to measure the amount of oxygen present per unit of blood.

### SpCO®

Noninvasive, continuous, or Spot Check monitoring of Carboxyhemoglobin.

### RRa®

Acoustic Respiration Rate (RRac) provides noninvasive and continuous monitoring of respiration rate.

## Works with your IT systems. For your clinical teams.

Philips monitoring platform fits securely into your IT environment for unrivaled connectivity. Vital patient information flows directly through Philips PIC iX central station to your hospital's EMR. You can access and share a wealth of in-depth patient data to streamline workflow and help deliver consistent quality care from admission to discharge. Even during transport.

## The future of integrated patient monitoring is here.

With Philips monitoring and Masimo measurements, you can standardize on a single, integrated patient monitoring solution to reduce the need for training, improve efficiency, and drive down costs. There's no need for standalone devices. And you can easily upgrade to more advanced monitors and rainbow SET® parameters as you evolve.

Discover how Philips monitors and Masimo measurements work together to deliver greater visibility and deeper insight at every stage of the care journey.

**Contact your Philips Account Manager or visit [www.philips.com](http://www.philips.com) today.**

### References

1. <https://www.philips.com/a-w/about/news/archive/standard/news/press/2016/20161107-philips-and-masimo-sign-multi-year-business-partnership-agreement-in-patient-monitoring-and-select-therapy-solutions>.