



Babies have a language  
all their own

SmartMonitor<sup>®</sup>2  
can help you understand it

 **Circadiancare**<sup>™</sup>  
Pediatric Care



In the hospital as well as the home, the use of comprehensive, documented event monitoring technology provides caregivers with an understanding of the physical vulnerabilities of infants at risk. In the clinical setting, monitoring can be used to measure heart rate, respiration and oxygen saturation levels that can be evaluated to aid in step-down or discharge planning and follow-up care. Used as a diagnostic tool, it can document central apnea, bradycardia, tachycardia, hypopnea and other apparent life-threatening events (ALTEs) that may not be recognized and recorded during bedside charting. For a safe journey home, it can be used for car seat testing prior to discharge. In the home, monitoring can alert anxious parents to potential ALTEs or provide clinicians with downloadable data they can access remotely for interpretation and to prescribe an appropriate course of care.

# SmartMonitor<sup>®</sup>2

## **SmartMonitor 2 Professional Series (PS) and SmartMonitor 2 PS Light** **Multi-parameter monitoring made easy**

The SmartMonitor 2 PS is the most powerful in our series of patient monitors. It can be used in the hospital or the home and is cleared for infant, pediatric and adult use. Using two-channel pneumograph capability and diagnostic quality waveforms that can be viewed using Synergy-E software, it provides detailed information regarding a patient's heart rate, respiration and oxygen saturation. Additional pediatric and adult clearances make it ideal for documenting patient response to conscious sedation, patient-controlled analgesia and general floor monitoring.

- **4 MB of memory**
- **Up to 15 hours of portable operation**
- **Durable metal patient connector**
- **Hospital or homecare selectable settings**
- **Integrated Masimo technology**

SmartMonitor 2 Professional Series Light (PSL) is designed for heart rate, respiration monitoring and event recording in a variety of settings. Based on the same high-quality monitoring technology as the PS, PSL provides cost-effective heart and respiration monitoring parameters without integrated pulse oximetry. It is ideal for use in combination or integration with a facility's existing oximeter technology, providing cost savings and maintenance of a homogeneous product mix.



## **SmartMonitor 2 apnea monitor**

### **Home monitoring for the smallest of infants**

For use in the home, the SmartMonitor 2 apnea monitor offers the latest technology for monitoring heart and respiration activity in one portable and easy-to-use device. If recordable changes in heart rate or respiration occur, the SmartMonitor 2 alarms and a universal symbol-based interface makes it easy to determine the patient's condition. Two megabytes of internal memory provide continuous or event recording. Remote access to data downloads and online real-time viewing by clinicians is available when using the optional internal modem.

- **Smaller, lighter design facilitates easier transport**
- **Durable metal patient connector**
- **2 MB of memory holds hundreds of events**
- **Internal modem allows for remote downloading**



## **SmartTrace electrodes**

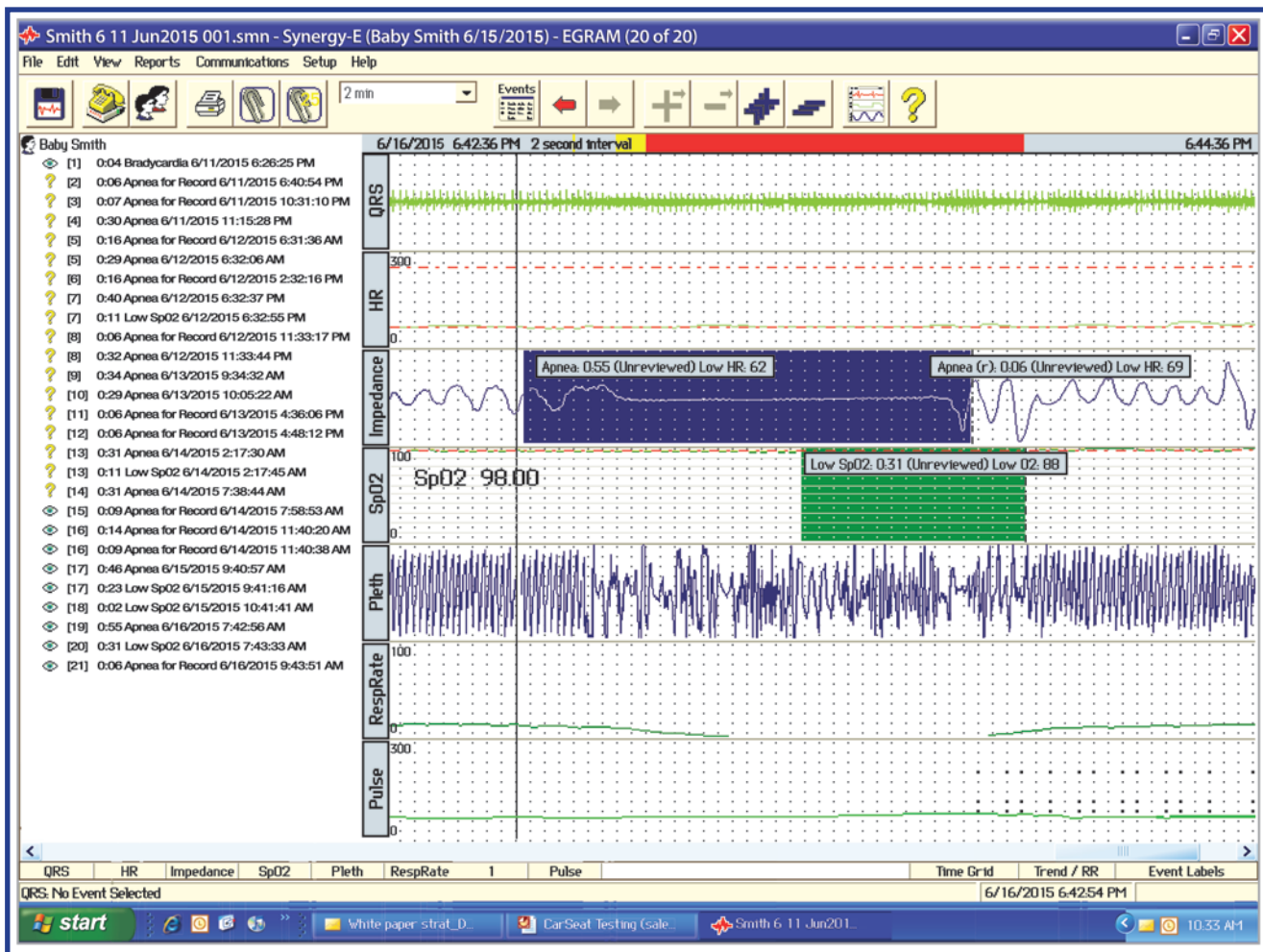
### **For use in the hospital or home**

Designed to protect a baby's delicate skin. They are formulated with two unique patented gel layers. The first is extremely gentle on an infant's skin and allows the electrode to stick, and re-stick, without harming delicate skin.

The second layer is formulated for optimal adhesion to the electrode. These layers are locked together with a unique mesh to prevent slippage and delamination.







*Synergy-E software is used to view and score patient events. This Synergy-E screenshot details an event where an infant has experienced an apnea followed by a desaturation. The apnea and plethysmograph indicate that the desaturation is a true event.*

**Synergy-E Event Software**  
**For use with SmartMonitor 2 &**  
**SmartMonitor 2 PS and PSL**

Synergy-E event software allows clinicians to easily identify and classify apneas or bradycardias, minimizing the effort required to accurately record potential life-threatening events. It provides graphical displays, the ability to define patient information, customizable event labels and a notes section for improved communication. Patient demographics, monitoring parameters and history are provided in customizable, one-page reports categorized as patient event, equipment, summaries or compliance reporting.

Open text fields allow entry of virtually unlimited data—diagnosis, medications, history, comments, interpretation and recommendations—and the electronic file can be saved with the patient’s records for future reference.

## SmartMonitor 2 Specifications

### SmartMonitor 2 Professional Series (PS)

<b>Dimensions</b>	2.25 in x 7.25 in x 9 in (5.7 cm x 18.4 cm x 22.9 cm)
<b>Weight</b>	3.0 lbs (1.35 kg)
<b>Internal channels</b>	QRS (ECG), respiration, SpO <sub>2</sub> , pulse, plethysmograph
<b>External channels</b>	Four (4) auxillary channels

### SmartMonitor 2 Professional Series Light (PSL)

<b>Dimensions</b>	2.25 in x 7.25 in x 9 in (5.7 cm x 18.4 cm x 22.9 cm)
<b>Weight</b>	2.75 lbs (1.24 kg)
<b>Internal channels</b>	ECG (QRS), respiration
<b>External channels</b>	Four (4) auxillary channels

### SmartMonitor 2 apnea monitor

<b>Dimensions</b>	2.3 in x 8.8 in x 7.4 in (5.8 cm x 22.4 cm x 18.8 cm)
<b>Weight</b>	2.6 lbs (1.18 kg)
<b>Internal channels</b>	ECG (QRS), heart rate trend or R-R trend, impedance

## SmartMonitor 2 Products

Part Number	Description
4002	SmartMonitor 2 w/o Modem
4003	SmartMonitor 2 w/ Modem
1014557	SmartMonitor 2PS W/ Modem
1014559	SmartMonitor 2 PS (non-US)
1028969	SmartMonitor 2PSL (non-US)
1028970	SmartMonitor 2 PSL w/ Modem
1028971	SmartMonitor 2 PSL w/o Modem
1030271	SmartMonitor 2PS Hospital Alarm
1038140	SmartMonitor 2PSL Hospital Alarm w/ Modem
1038141	SmartMonitor 2PSL Hospital Alarm w/o Modem





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