

# SafeToSleep™ introduces its innovative **Sleep and Breathing Monitor**

which uses state-of-the-art fiber optic technology to measure and record each baby breath and stream it to a smartphone as it occurs, so parents know at a glance that their baby is breathing safely.



***The Sleep and Breathing Monitor brings together patent-pending technology to create a comprehensive sleep and breath monitoring system:***

### **SleepMat™**

A wireless, portable soft surface that measures and records a sleeping baby's breath

### **BreathScope™**

Detects each breath and generates a breath wave displayed on a smartphone

### **BreathTrend™**

Designed to detect abnormal breathing events and generate alarms

### **SleepLog™**

Tracks sleep time and generates sleep quality reports to give parents and doctors a new window into baby wellness

### **Parent Unit**

The handheld device used to monitor a baby when not using a smartphone



*The Sleep and Breathing Monitor is the only monitor that has been hospital tested and clinically validated for accuracy. The hospital testing has shown the monitor to be as accurate as the breathing monitors used in hospital pediatric units around the world.*

Suggested Retail Price

# \$329.00

Available December 2012

### **What's in the box**

- 1 SleepMat™ with integrated BreathScope™, BreathTrend™ and SleepLog™ technology
- 1 Parent Unit
- 2 Washable SleepMat™ covers
- Free smartphone application download

### **For more information contact us at**

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# safetosleep™

protecting the wellness of sleeping babies everywhere

## SLEEPMAT™

measures



### Sleep and Breath Monitor

- Breaths per minute
- Respiratory functions
- Ambient air temperature

**BreathScope™** creates breath wave from breathing data

### BreathTrend™ Alarms

- Stop breathing events
- Slow breathing events
- Fast breathing events
- Abnormal breathing events

### SleepLog™

- Total sleep time by day and week
- Sleep quality reports

### Sound Monitor

- Wake-up and sound detection
- Speaker for audio streaming

**Portable**, battery-operated

**Bluetooth** wireless secure connection

**Anti-microbial** mat surface

### Size

24.5" x 12.5"

## PARENT UNIT (included)

displays data



### Baby activity patterns display

- Breaths per minute
- No-breath or abnormal breath event detection
- Baby sleeping or baby awake

**BreathTrend™ Alarms** for abnormal breathing events

### Audio

- Wake-up and sound detection
- Microphone for sound monitor
- Speaker for audio output

**Bluetooth** wireless connectivity

### Alarm mode for baby

- Sound
- Absence

### Size

2.4" x 3.5"

## SMARTPHONE app (free download)

integrates data & displays



### Baby activity patterns display

- Breaths per minute
- No-breath or abnormal breath event detection
- Baby sleeping or baby awake

**BreathScope™** displays real-time breath wave

**BreathTrend™ Alarms** for abnormal breathing events

### Audio

- Wake up and sound
- Stream lullaby or story to SleepMat™
- SleepMat™ audio volume control

**SleepLog™** displays sleep time and sleep quality reports

### Alarm mode for baby

- Wake up
- Sound
- Absence
- Feeding schedule

### Alarm mode for parent

- Audio
- Vibrate

**Bluetooth** wireless connectivity

iPhone/iPad, Android compatible

Free smartphone application

## Our Commitment to Safety and Innovation

The SafeToSleep™ Sleep and Breathing Monitor is the only baby monitor in the world that monitors the breath wave, activity, sound, and movement of a baby and contains patent-pending technology invented specifically for infant monitoring. Here are some of the innovations that will change how parents understand infant sleep safety:

### SleepMat™

The SleepMat™ is a soft sleep surface that senses every breath of your baby using patent-pending state-of-the-art fiber optic technology. Wireless and portable, it's designed to go wherever a baby sleeps.

### BreathScope™

BreathScope™ is the technology that allows parents to view the breath wave and breathing rate on a smartphone or Parent Unit.

### BreathTrend™

BreathTrend™ is the technology that detects changes in a baby's breathing pattern and alert parents if it detects an irregular breathing event. It is designed to alarm parents before a baby stops breathing. This is a groundbreaking approach to infant sleep monitoring and a breakthrough in the field of fiber optic sensing technology.

### SleepLog™

SleepLog™ records and stores 30 days of sleep information that can help parents detect changes in a baby's sleep pattern that may signify infection, fever, or pain. Share SleepLog™ information with the pediatrician to further improve a baby's care.

**Hospital Tested • No Cords or Wires • Safe Fiber Optics**