



BabySat™ Monitoring System

Parent-loved design combined with hospital-grade accuracy to transform care at home.

What is BabySat?

- The first FDA-cleared pulse oximeter featuring Owlet's wire-free Sock, designed for in-home use.
- Intended for babies that could benefit from additional monitoring at home, under the supervision of a physician.
- Tracks pulse rate, oxygen saturation level and movement with hospital-grade, clinically proven accuracy.

1-18 months

6-30 lbs

FDA Cleared

Wire-free infant pulse oximeter



Base Station

Notifies with lights and sounds if readings leave prescribed ranges.



Owlet Care+ App

View Baby's key health indicators in real-time and access historical data.



BabySat Sock

Fabric Sock and sensor wrap comfortably around Baby's foot to track key health indicators.

Benefits



Infant-Centric Design



Wire-Free, Low-Profile System



Adhesive-Free Sensor



Easy, App-Based Access to Data



Easy-to-Clean, Reusable Sensor



FDA Cleared For Use In The Home



Accurate Through Gentle Motion



Clinician Configurable Alarm Limits



Access to Vital Sign Data Trends



More Informed Virtual Care

BabySat Specifications

Weight (Sensor and Sock)

Approx. 12-14 grams*

* Sensor weighs approx. 8 grams, small Sock weighs approx. 4 grams, large Sock weighs approx. 6 grams

Oxygen Saturation Range (% SpO₂)

1-100 %

Pulse Rate Range (bpm)

30-300 bpm

Accuracy

Oxygen Saturation

70% to 100%

+/- 3.0% Arms (No Motion)

+/- 3.0% Arms (Motion)

Pulse Rate

30 bpm to 300 bpm

+/- 3 bpm Arms (No Motion)

+/- 5 bpm Arms (Motion)

Sensor Battery

Operating Life

16 hours

Recharge Time (from 0% to 100%)

2 hours

Operating Environment

Temperature

+5 C to +50 C

Relative Humidity

15% to 90% non-condensing

Altitude

0 to 3000 m

Standards Compliance

EN ISO 10993-1:2009/AC:2010 ISO 10993-1:2018

ISO 10993-1:2018

EN ISO 10993-5:2009

ISO 10993-10:2010

EN 60601-1-2006/A1:2013

IEC 60601-1:2005/A1:2012

EN 60601-1-2:2015

IEC 60601-1-2:2014

EN 60601-1-4:1996/A1:1999

IEC 60601-1-4:1996/A1:1999

EN 60601-1-6:2010

IEC 60601-1-6:2010

EN 60601-1-8:2007/A11:2017

IEC 60601-1-11:2020

EN ISO 80601-2-61:2017