24-Hour Ambulatory Blood Pressure Monitoring System

Available with:

SphygmoCor inside

SunTech Oscar 2™
24-HR ABPM
**SunTech Oscar 2**

The Oscar 2™ system from SunTech Medical® sets the standard in 24-hour ambulatory blood pressure monitoring (ABPM) by utilizing proprietary motion-tolerant technology, meeting the highest clinical standards, optimizing patient comfort through innovation, giving clinicians practical interpretive analysis and incorporating the latest monitoring advances.

The Oscar 2 system is independently tested to meet the accuracy and performance requirements of the British Hypertension Society, the European Society of Hypertension International and the AAMI-SP10 standards. This system comes standard with both the patented Orbit™ ABPM cuff and interpretive software AccuWin™ Pro 4.

**Standard Features**

**SunTech Motion Tolerance**
The Oscar 2 system features SunTech’s Motion Tolerant oscillometric BP algorithm, combining clinical accuracy and effective data collection.

**Event Marking**
A patient accessible control for event marking provides additional patient data during studies while allowing for an effortless patient experience.

**Patented Orbit ABPM Cuffs**
Our patented Orbit cuff design provides patient comfort without sacrificing clinical accuracy.

**Optional Features**

**SphygmoCor Inside**
SunTech Medical offers the first and only ABP Monitor with SphygmoCor Inside for noninvasive measurement of central blood pressure and arterial stiffness.

Individualize hypertension management with 24-hour central blood pressure analysis to:

- Evaluate target organ exposure pressure.
- Assess the effects of arterial stiffness and wave reflections on blood pressure.
Orbit™ Blood Pressure Cuffs

SunTech’s patented Orbit cuff is specifically engineered for ambulatory blood pressure monitoring applications. This cuff is designed with a soft sleeve that gently hugs the arm to maintain cuff placement and provide the ultimate in patient comfort for an extended period of time.

AccuWin Pro™ 4 Software

AccuWin Pro 4 is a user-friendly, Windows® based program that allows for configuration, analysis, interpretation and reporting of ABPM studies. You have the ability to rapidly decipher data, creating interpretive summaries, according to AHA, ESH, or JNC 7 guidelines, for:

- automated analysis of ABP levels for normality
- white coat syndrome
- overnight dipper status

The Oscar 2 ABPM system delivers a patient-focused solution with unmet comfort, data reliability and confidence.
Technical Specifications

The Oscar 2 System Includes

Oscar 2 monitor
AccuWin Pro™ 4 (AWP4) software (Download)
2 Orbit™ ABPM cuffs (Adult and Adult Plus) Carrying pouch & patient belt
USB interface cable
User guide
Standard 2 year warranty

General Specifications

Validations: BHS (A/A), ESH, ANSI/AAMI SP10:2002
BP Technique: Oscillometry with step deflation
BP Range: 25-260 mmHg
HR Range: 40-200 bpm
Sampling Periods: 3 adjustable (awake, asleep, and special)
Time Intervals: 5, 10, 15, 20, 30, 45, 60, 90 and 120 min.
Event Key: Program to allow additional patient readings
Data Storage: Flash memory stores up to 250 readings
Power Source: Two AA batteries
Weight: 284 grams, including batteries
Dimensions: 12 x 7 x 3 cm
PC Requirements: USB port, Windows® XP or later
App Requirements: Apple iPhone
SunTech Oscar2 Part Numbers

Oscar 2 System Monitors
99-0133-00  Oscar 2 Monitor - Standard
99-0133-02  Oscar 2 Monitor - w/ SphygmoCor Inside
99-0133-10  Oscar 2 Monitor - Standard - Without AWP4
99-0133-12  Oscar 2 Monitor - w/ SphygmoCor Inside - Without AWP4
98-0056-00  Oscar 2™ PowerPack Accessory Kit

Orbit™ Comfort Blood Pressure Cuffs
98-0239-01  #1 Orbit™ ABPM Cuff (18-26 cm)
98-0239-02  #2 Orbit™ ABPM Cuff (26–34 cm)
98-0239-03  #3 Orbit™ ABPM Cuff (32–44 cm)
98-0239-04  #4 Orbit™ ABPM Cuff (42–55 cm)

Straps and Belts
98-0032-07  Oscar 2™ Pouch
98-0037-00  Oscar 2™ Belt

Extended Warranty Program
99-0027-00  One Year Extended Warranty
99-0027-03  Three Years Extended Warranty

Extended Warranty Terms and Conditions
The Extended Warranty must be purchased either:
• At the time of the original sale
• Prior to the end of the initial warranty period
• Prior to the end of the purchased extended warranty period