24-Hour Ambulatory Blood Pressure Monitoring System

The new standard in ambulatory blood pressure monitoring.

- Highest standards of clinical accuracy
- Revolutionary Orbit™ cuffs
- AccuWin Pro™ v3 software
The New Standard in Ambulatory Blood Pressure Monitoring (ABPM)

Considered the gold standard for measuring blood pressure by experts worldwide, ABPM provides valuable information on BP variability, overnight dipping and morning surge that in-clinic and home BP monitoring does not.

The Oscar 2™ system from SunTech is a reliable and cost-effective solution for ABPM.

Trusted Accuracy and Reliability

The Oscar 2™ is the only ABPM available that is clinically validated to all three internationally recognized standards.*

- BHS (A/A)
- ESH International Protocol
- AAMI SP10

- ESH - European Society of Hypertension
- AAMI - Association for the Advancement of Medical Instrumentation

Simple Set-up and Operation

- User friendly programming with AccuWin Pro™ v3 for Windows®
- Quick patient application with no electrodes or microphones needed
- Three adjustable measurement periods for individual patient studies

Designed for Patient Comfort and Compliance

- Light and compact design
- Proprietary motion-tolerant algorithm reduces re-inflates and failed readings
- Quiet pump operation

Orbi™ Blood Pressure Cuffs

The Oscar 2™ system includes the first and only cuff designed specifically for ABPM, improving patient compliance and ensuring better results.

- Patented, stretch-sleeve design maintains appropriate placement
- Easy self-application without the discomfort of a D-Ring
- Curved design for proper fit on larger arm sizes
- Removable bladder for machine washing
- Color coded range and size indications

Powerful AccuWin Pro™ v3 Software

AccuWin Pro™ v3 is a user-friendly, Windows® based program that allows maximum flexibility for configuration, analysis, interpretation and reporting of ABPM studies.

- Interpretative summary for quick review
  An automated analysis of ABP levels for normality, white coat syndrome and overnight dipper status according to AHA, ESH or JNC 7 published guidelines.*
- Single page and custom report options
  A simple one page report includes an ABP graph, interpretative summary; asleep dip analysis and statistics with selected patient information.

Ambulatory Blood Pressure report: Oscar 2 Copyright 2006 - SunTech Medical Page 1 of 1

* AHA - American Heart Association  •  BHS - British Hypertension Society  •  AAMI - Association for the Advancement of Medical Instrumentation  •  ESH - European Society of Hypertension  
JNC 7 - The Seventh Report of Joint National Committee on Prevention, Detection, Evaluation and Treatment of High Blood Pressure

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- Clear presentation of statistical results
  Statistics are provided for awake, asleep and overall periods including average blood pressure, heart rate, pulse pressure, mean arterial pressure and BP load.
- Study comparison shows patient progress
  Make better treatment decisions by comparing follow-up studies.
- PDF report allows EHR/EMR compatibility
  Create an un-editable, electronic report for storage in most EHR/EMR systems.
- Export of collected data
  Allows sharing of raw data with other statistical or spreadsheet applications.
- Built in E-mail capability
  Email a patient study to other AccuWin Pro™ v3 users.
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**Patient Name:**

John Smith  

**Current Medications**

- Ibuprofen tablets as needed for osteoarthritis.
- 4mg daily - Montelukast Sodium for asthma
- 10mg daily - Atorvastatin Calcium for high cholesterol.
- Patient is not currently on anti-hypertensive medication.

**Physician Interpretation**

Based upon JNC 7 and AHA recommendations, the ABPM data suggests patient exhibits symptoms consistent with white coat hypertension. Suggest lifestyle and diet changes to resist development of hypertension. An ABPM study should be repeated in 6 months.

**Interpretive Summary:**

- Normal asleep SYS and DIA pressure (118/67 mmHg)
- Normal awake SYS and DIA pressure (131/79 mmHg)
- Normal 24 hour SYS and DIA pressure (128/76 mmHg)

**AMBULATORY BLOOD PRESSURE REPORT**

**Phone:** 123-555-9876  
**Fax:** 123-555-9877  
**Email:** cardiolab@university.edu

**University Hospital Cardio Lab**

**Test Date:**

26-Aug-2005

**Referring physician:**

Dr. White

**Interpreting physician:**

Dr. Paul Green

**Signature Date:**

26-Aug-2005

**AccuWin Pro™ v3 Report**

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Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Item Number</th>
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<tbody>
<tr>
<td>Oscar 2™ ABPM System</td>
<td>99-0012-00</td>
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<tr>
<td>PowerPack Accessory Kit</td>
<td>98-0056-00</td>
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<tr>
<td>AccuWin Pro™ v3 Software (CD)</td>
<td>27-0037-A1</td>
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<tr>
<td>Oscar 2™ PC Interface Cable</td>
<td>91-0056-00</td>
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<tr>
<td>USB Adapter</td>
<td>91-0085-00</td>
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<tr>
<td>Small Adult Orbit™ Cuff (18-27 cm)</td>
<td>98-0063-11</td>
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<tr>
<td>Adult Orbit™ Cuff (22-27 cm)</td>
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<td>Adult Plus Orbit™ Cuff (33-40 cm)</td>
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<td>Oscar 2™ Belt</td>
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<tr>
<td>Oscar 2™ Shoulder Strap</td>
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<tr>
<td>Patient Diaries (qty.50)</td>
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<tr>
<td>Battery Recharger + 4 NiMH AA batteries</td>
<td>17-0007-00</td>
</tr>
</tbody>
</table>

Specifications

- Validations: BHS (A/AL), ESH, ANS/AAMI SP10:2002
- BP Technique: Oscillometry
- BP Range: 25-260 mmHg
- HR Range: 40-200 bpm
- Sampling Periods: 3 adjustable intervals: 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: Serial or USB port, Windows® 98 or later

Oscar 2™ System Includes

- Oscar 2™ ABP monitor
- AccuWin Pro™ v3 CD
- 2 Orbit™ ABP cuffs: Adult and Adult Plus
- Carrying pouch, patient belt & shoulder strap
- PC Cable and USB adapter
- 4 AA Alkaline batteries
- 10 patient diaries
- Operator’s manuals
- Standard 2 year warranty

Upgrade!

...with the PowerPack Accessory Kit

Complete your Oscar 2™ ABPM system with the full line of Orbit™ cuffs and an extended warranty.

- Small Adult Orbit™ ABP cuff
- Large Adult Orbit™ ABP cuff
- 4 NiMH AA rechargeable batteries + Recharger
- 1 year extended warranty (Effective 3 year warranty)

Distributor Information

SunTech Medical
507 Airport Boulevard, Suite 117, Morrisville, NC 27560-8200 USA
(p) 800.421.8626   (f) 919.654.2301   www.SunTechMed.com

Providing accurate and reliable blood pressure measurements night and day.