



**SunTech Medical**<sup>®</sup>  
The Difference in Clinical Grade<sup>™</sup>

# Blood Pressure Measurement

## Quality. Accuracy. Legacy.

As the experts in BP technology, we know that exceptional products don't just happen. They are created with an extraordinary attention to detail, so that when you need accuracy and quality – we deliver. Every time.

For more than 30 years SunTech Medical has focused on capturing accurate blood pressure measurements in difficult environments. It's not easy to get an accurate BP reading from a patient running on a treadmill, an accident victim in a med-evac

helicopter, a researcher at 6400 m elevation on Mount Everest, or an astronaut floating in low-earth orbit. But SunTech® has. Who else on the planet—or off of it—can provide accurate BP in such hostile environments? It should come as no surprise that we've built all of that knowledge and experience into every blood pressure product we make.

**It's our Legacy. It's SunTech Medical. It's The Difference in Clinical Grade.**

# SunTech Medical **on Everest**

“We used the SunTech non-invasive blood pressure system on the Caudwell Xtreme Everest Expedition.

“The system performed very well in extremely harsh environmental conditions in temperatures as low as -25° Celsius and at altitudes of up to 6400 meters. We successfully carried out 1787 exercise tests with NIBP [non-invasive blood pressure] monitoring without damaging any of the systems.”

Denny Levett, Deputy Research Leader, Caudwell Xtreme Everest



**1986**

Space Shuttle, 1986–1999  
Accutracker® II Ambulatory Blood Pressure (ABP) Monitor

**68** Missions  
**96,031** Orbits  
**4,060,102,535** km Traveled

# SunTech Medical **in Space**

**1995**

Mir, 1995  
Accutracker II ABP Monitor  
Orthostatic Intolerance Mechanisms Study

**115** Days

**2001**

International Space Station, 2001–present  
Crew Health Care System, 2001–present  
Tango® Stress Test BP

**2009**

Portable Pulmonary Function System, 2009–present  
SunTech Original Equipment Manufacturing (OEM)  
Advantage BP module

**2016**

Total spaceflight time logged by SunTech BP

**147,048** hours  
(over 17 years), and counting...



**Masimo Root** using the SunTech Advantage™ A+  
 Masimo is a global, medical technology company that develops and manufactures innovative noninvasive patient monitoring technologies. SunTech Medical supplies Masimo with the Advantage® oscillometric NIBP module for use in their Root® Patient Monitoring and Connectivity platform.



**Gambro Artis™** using the SunTech Advantage 2.0 HDM  
 Gambro leads the market in renal care development and has brought many groundbreaking innovations to the market. Gambro Lundia, a division in Sweden, partnered with SunTech to not only integrate automated BP into its dialysis systems but also to improve the reliability and accuracy of its measurement.



**Philips HeartStart MRx** using the SunTech Advantage 2.0  
 Philips is a market leader in medical patient monitoring. Their HeartStart MRx Monitor/Defibrillator unites Philips' industry-leading monitoring technologies with superior diagnostic measurements, one of them being SunTech's Advantage Transport Motion Tolerant (TMT) Technology.

It's one thing to say that your company is trustworthy, but the proof is in the partnerships.

Call us old-fashioned, but we still believe that strong relationships are vital to the success of any technology partnership. Apparently, we're not the only ones.

**Over 80 companies** in more than 35 countries place their trust in SunTech's OEM non-invasive blood pressure technologies. As a result, countless clinicians around the world trust our products every day to provide important information that **they need to successfully treat their patients.** SunTech has the privilege of

partnering with some of the world's leading medical device manufacturers, and we take great satisfaction in knowing that their customers have the blood pressure tools they need to be effective. Trust us, they do.





Of course, great products don't just happen.

They require extraordinary attention to detail – especially when it comes to a patient's health and well-being.

When developing new products, we carefully consider every aspect of acquiring accurate blood pressure measurements and ask lots of questions.

“Who'll be taking the measurement?”

“Where will they be?”

“How often will they need to do it?”

“What could interfere with getting a good reading?”

“How should the data be collected, displayed, stored and used?”

We live in the details. After all, every SunTech product testifies to the people who conceived it, thought about it, developed it, and manufactured it. We know that. And that's one of the secrets to confidence-inspiring products.

### Walk. Talk. Measure.

When the complete picture is what you need, our 24-hour ambulatory blood pressure monitoring devices don't miss a step – so you won't either.

#### Ambulatory Blood Pressure Monitoring

Diagnosing and treating hypertension is serious business, and as research shows, Ambulatory Blood Pressure Monitoring (ABPM) is far superior to other testing available to clinicians\*. Our ABPM devices provide valuable blood pressure information that in-clinic and pharmacy-grade home blood pressure devices are incapable of measuring. The SunTech Oscar 2 is validated to all 3 internationally recognized protocols. Setting the standard across the globe, our proprietary, motion-tolerant technology is combined with the gold standard in central blood pressure measurement from AtCor Medical.



**Oscar 2**  
ABPM

\*Hodgkinson J, Wood S, Martin U, McManus R. "ABPM is best for diagnosing hypertension in primary care." Practitioner 255.1744 (2011): 21-23.

### From A to BP

Whether you need a simple blood pressure measurement, or a wide range of vital signs information—including temperature and SpO<sub>2</sub> – our vital signs devices will get you from A to BP, every time.

#### Blood Pressure with Vitals

We understand that diagnosing hypertension is important, and in some cases it can be a matter of life and death. As a result, you need reliable and accurate devices that you can count on for measuring blood pressure and other vital signs.

Easily incorporated into your clinical workflow, SunTech has created clinical-grade BP devices, designed to be the answer you are looking for. SunTech vitals devices provide clinical accuracy and HL7 data connectivity with intuitive, easy-to-use design that make your job easier and more productive.



**CT40**  
Advanced Spot Vitals

### We've Got You Covered

Our full-line of clinical-grade blood pressure cuffs measure up – providing you with options including disposable, reusable and short-term use.

#### Blood Pressure Cuffs

Our proprietary, motion-tolerant blood pressure devices provide accurate, reliable data in both clinical and research applications. One of the keys to great BP performance is a range of high-quality blood pressure cuffs designed for all kinds of clinical environments. SunTech BP cuffs are the perfect complement to the worlds' best NIBP technology.



**Soft Disposable**  
Single Patient Use BP Cuff



**Vinyl**  
Short-term Use BP Cuff



**One Piece**  
Durable BP Cuff



**All Purpose**  
Durable BP Cuff

### Our Technology. Your Solution.

We've been to space and back – just imagine where our OEM NIBP technologies will take you!

#### OEM NIBP Technologies

SunTech Medical is the global leader in providing OEM non-invasive blood pressure (OEM NIBP) solutions across a variety of clinical applications. Our staff of experienced blood pressure experts will help you choose and tailor a SunTech NIBP module for your specific medical device. When you purchase an NIBP module from SunTech, you aren't just buying a piece of hardware—you're getting 30 years of experience, expert engineering, and regulatory know-how.

**AdvantageSMT**  
Standard Motion Tolerance

**AdvantageHDM**  
Hemodialysis Monitoring

**AdvantageKSK**  
Kiosk

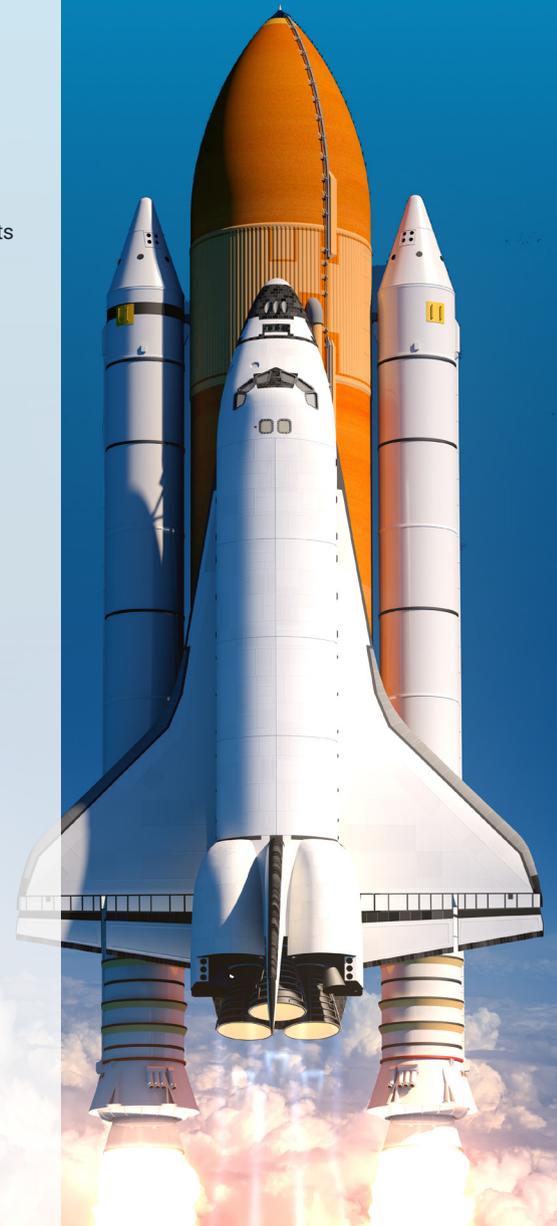
**AdvantageTMT**  
Transport Motion Tolerance

**AdvantageRMT**  
R-Wave Motion Tolerance

**AdvantageVET**  
Veterinary Monitoring



**Advantage 2.0**



## Don't Miss a Beat

Don't Stress! Focus on your patient's safety and well-being – our stress test BP monitors will handle the rest.

### Stress Test Blood Pressure Monitoring

The Tango M2 stress BP monitor provides accurate, reliable BP measurements and relieves you from having to take manual BP measurements during a stress test – so you can focus more on your patient.



**Tango M2**  
Stress BP

## Better BP for Pets & Vets

When it comes to your pet's health, we can take the pressure – because we know they are family too!

### Veterinarian Blood Pressure Monitor

If most of your patients tend to be furry and have four legs, then you can benefit from a reliable way to measure BP that is fast, simple and silent. Utilizing an animal-specific BP algorithm with our motion-tolerant technology, we are dedicated to providing you with the most advanced solutions for reliably and accurately assessing animal BP – an important advancement for pets and vets!



**Vet20**  
Veterinary BP Monitor



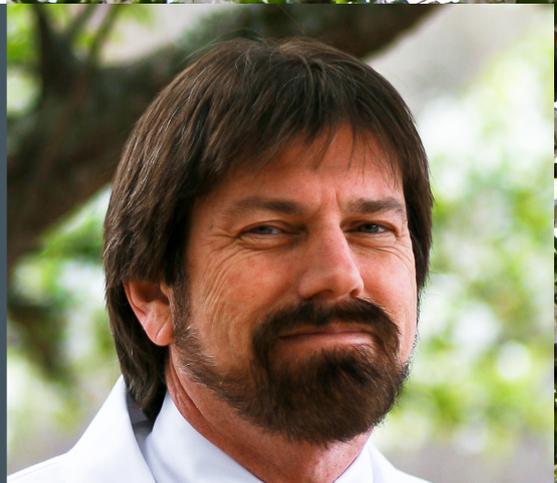
“The staff at SunTech have all taken personal interest in developing hardware and software which will allow me to treat my Pediatric patients in every way possible.”

Bruce Alpert, MD  
Plough Foundation Endowed Chair Professor of Pediatrics at the University of Tennessee Health Science Center  
Cardiologist at Le Bonheur Children’s Hospital



“SunTech continues to demonstrate leadership in development of automated BP solutions. I use Oscar 2 ABP monitors in clinical and research applications for reliably accurate data.”

William B. White, MD  
Professor of Medicine at the University of Connecticut Health Center, Farmington  
Editor-in-Chief of Blood Pressure Monitoring Chair, SunTech Medical Advisory Board



“SunTech’s outstanding products, technical support and customer service have kept me using their products for many years.”

Andrew Sherwood, PhD  
Director, Biobehavioral Research Laboratory, Department of Psychiatry and Behavioral Sciences, Duke University Medical Center



**At SunTech**, we are proud of our past. The first Accutracker BP monitor hit the market in 1985 as the most motion-tolerant non-invasive blood pressure technology of its day.

Accutracker's success opened new doors in cardiology and hypertension research, led to new applications like automated BP measurement during stress testing, and established a precedent for all of SunTech's future high-performance technologies.

Undoubtedly, our current blood pressure products have descended from a rich heritage of forward thinking. And while healthcare today is experiencing unprecedented change, we're committed to keeping pace. Innovations and investments in promising new experimental technologies keep SunTech well-positioned as healthcare continues to evolve.

While no one can predict the future, we're doing our best to make sure that

**we are ready for what the future may hold.**



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