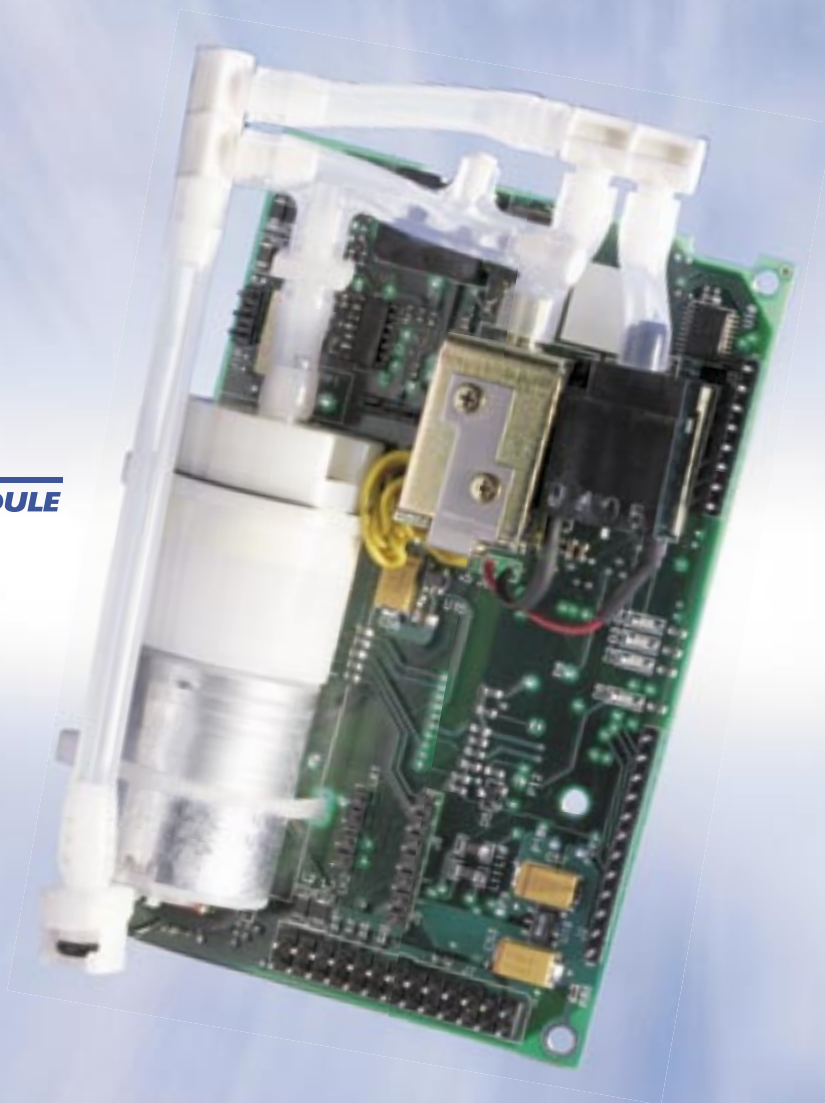


# OEM NIBP Blood Pressure Solutions

 **SunTech Medical**<sup>®</sup>  
Brilliant Blood Pressure Solutions<sup>™</sup>

***Kadenz***<sup>™</sup>

**AUSCULTATORY OEM BP MODULE**



Customized modules and complete solutions. We want to be your *Your BP Department*<sup>®</sup>.

- Engineering expertise & responsive service.
- Motion tolerant performance
- Customization to meet your specific design and clinical requirements.





## Auscultatory NIBP Module

The *Kadenz* NIBP module is true to the tradition of SunTech's Advantage™ series of OEM NIBP modules, the medical industry's OEM reference standard for non-invasive blood pressure monitoring. *Kadenz*, utilizing auscultatory technology, builds on our success with the Tango® BP monitor used in treadmill stress to provide similar levels of accuracy and reliability in ergometric stress applications.

- **Motion Tolerant Clinical Performance:** Designed specifically for optimal motion tolerance in ergometry stress testing, *Kadenz*, provides accurate and reliable BP monitoring.
- **Unparalleled Customer Service and Support:** SunTech provides dedicated support for your specific clinical application and device requirements.
- **Reliability Guaranteed:** The *Kadenz* module comes with a full 2-year warranty.
- **Orbit-K™ Cuff:** A revolutionary design especially for auscultatory ergometric and treadmill stress testing.
- **Your BP Department®:** SunTech is committed to meeting your engineering, clinical and regulatory support requirements - and to helping you exceed your customers' expectations.

### FEATURES AND BENEFITS

- Accurate and reliable during ergometry.
- Simple patient preparation using the *Orbit-K* cuff.
- Reliable motion tolerant performance.
- Field reprogrammability.

### PARAMETERS, PHYSICAL DIMENSIONS, AND PATIENT RANGE

• Systolic & Diastolic Pressure (mmHg)	<b>Patient Range:</b>	Adult
• Heart Rate (BPM)	<b>Kadenz</b>	L 106 mm x W 70 mm x H 36 mm
• BP Quality Codes	<b>Dimensions:</b>	L 4.17 in x W 2.76 in X H 1.42 in Weight: 158.8 g. (5.6 oz.)

### SPECIFICATIONS

<b>Technique:</b>	Auscultatory with linear deflation	<b>Measurement Range:</b>	Adult Systolic: 50 to 250 mmHg, Adult Diastolic: 20 to 150 mmHg Pulse Rate: 40 to 200 BPM
<b>Electrical:</b>	Operating voltage: +5.3 VDC to +14.5 VDC	<b>Inputs/Outputs:</b>	System power, bi-directional RS232 or TTL serial communication, microphone
<b>Accuracy:</b>	Designed to meet ANSI/AAMI SP10-2002.	<b>Standards:</b>	Meets all relevant sections of AAMI SP10-2002, IEC60601-1, IEC60601-2-30, EN1060-1, EN1060-3, IEC60601-1-2 (EMC), UL60601-1, CAN/CSA 22.2 601-1 standards.
<b>Temperature/ Humidity:</b>	Operating: 0° to 50°C, <95% RH non-condensing Storage: -20° to 65°C, <95% RH non-condensing		
<b>Safety:</b>	Independent safety circuitry monitors cuff pressure, measurement time as well as the operation of the main microprocessor.		