

Automated Blood Pressure Monitor
for Stress and Exercise Testing


SunTech *Tango*^{®+}
STRESS BP

Accurate, Handsfree Monitoring for Stress and Exercise Testing



+ Seamless integration with your
stress system

+ Reliable, automated blood pressure,
so you can focus on your patient

The Tango®+ automated blood pressure monitor allows you to focus on your patient during stress testing rather than spend valuable time taking manual measurements. *Tango+* is tolerant to exercise and provides reliable automatic BP (measurements) within an acceptable clinical range.¹ *Tango+* can add BP and SpO₂ to your stress ECG system, creating a complete and seamless diagnostic test center.

¹Cameron JD et al., "Accuracy of automated auscultatory blood pressure measurements during supine exercise and treadmill stress electrocardiogram testing," Blood Pressure Monitor, 9:269-75,2004

+ Features & Benefits + Description

- Accurate & Reliable:** SunTech®'s auscultatory K-sound analysis algorithm filters noise and motion artifact from the stress test environment.
- Seamless Integration:** Initiate BP measurements from your stress system & automatically record the data on the printed patient report.
- Verify BP Measurements:** See & hear the Korotkoff sounds using the onscreen display and the included headphones.
- Stat Mode:** Rapidly repeated automatic BP measurements for time sensitive and emergent situations.
- Orbit-K™ Cuff:** Features an integrated microphone that acts as a stethoscope as well as a stay-put sleeve designed to keep the cuff in the proper position during testing.
- Simple Patient Prep:** Simple application with pictorial indicators, range and artery indicators.

+ Options

- Additional Orbit-K™ cuff sizes ranging from 18 - 44 cm arm circumference
- Pulse oximetry (SpO₂)
- Internal ECG



SpO₂ is available



The patented SunTech Orbit-K blood pressure cuff

+ Specifications + Description

- BP Measurement:** Auscultatory R-wave gating using K-sound analysis, for all static & active phases of stress testing.
- Measurement Range:** Systolic: 50 - 280 mmHg, Diastolic: 20 - 150 mmHg, Heart Rate: 40 - 200 bpm
- Interfaces:** Integrates with all popular stress ECG systems using RS-232 & ECG connections.
- ECG Source:** Primary: From integrated stress ECG system or other external source
Secondary: Internal ECG option using V2, V6, RL
- Power:** Input: 90 - 250 VAC @ 47 - 63 Hz, Output: 9 VDC @ 3 - 4 A
- Classification:** Class II, continuous
- Sampling Intervals:** From integrated stress ECG system or other external source, or 1 -20 minute intervals.
- Dimensions:** 22.8 cm x 15.9 cm x 9.7 cm (9.0" x 6.3" x 4.1")
- Weight:** 1.2 kg (42.6 oz)
- Warranty:** 2 year standard warranty on monitor.
- Accuracy:** Equivalent to a trained observer using a cuff/stethoscope auscultation method per ANSI/AAMI SP10:2002 + A1:2003
- Standards:** EN 60601-1, IEC 60601-2-30, IEC 60601-1-2 (EMC), EN 1060-1, EN 1060-3, UL 60601-1, IEC 60601-2-49, ISO 9919, CAN/CSA 22.2 601-1



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