## Automated Blood Pressure Monitor for Stress and Exercise Testing



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." Tango+ can add BP and Tango+ to your stress ECG system, creating a complete and seamless diagnostic test center.

<sup>1</sup>Cameron 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<sup>™</sup> cuff sizes ranging from 18 - 44 cm arm circumference Pulse oximetry (SpO<sub>2</sub>) Internal ECG





SpO<sub>2</sub> 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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