

# Automated Blood Pressure Monitor for Stress and Exercise Testing

**SunTech Medical**  
Brilliant Blood Pressure Solutions™

We focus on blood pressure so you can focus on your patient.



***Tango***<sup>®</sup>  
**STRESS BP**

Accurate, reliable, handsfree monitoring,  
designed for stress and exercise testing.

- Automated BP and SpO<sub>2</sub> readings
- Seamless integration with your stress system
- Revolutionary Orbit-K™ cuff

# Tango®+ Automated Blood Pressure Monitor for Stress and Exercise Testing



## Focus on your Patient

The Tango®+ automated blood pressure (BP) 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."<sup>1</sup> Tango®+ can add BP and SpO<sub>2</sub> 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 and Benefits

	Description
Accurate and Reliable:	Made possible using SunTech's auscultatory K-sound analysis.
Verify BP Measurements:	See and hear the Korotkoff sounds using the onscreen display and the included headphones.
Seamless Integration:	Initiate BP measurements from your stress system and automatically record the data on the printed patient report.
Stat Mode:	Systolic BP's in as little as 15 seconds and full BP's in 30 seconds for time sensitive or emergency situations.
Simple Patient Preparation:	Uses the Orbit-K™ cuff, specially designed for stress testing.
Languages Supported:	English, French, German, Italian, Spanish

## Options

- Additional Orbit-K™ cuff sizes ranging from 18 - 44 cm arm circumference
- Pulse oximetry (SpO<sub>2</sub>)
- Internal ECG



Orbit-K™ BP Cuff

## Specifications

BP Measurement:	Auscultatory, using ECG gating and DKA analysis, for use during all static and active phases of stress testing.
Measurement Range:	Systolic: 50 - 250 mmHg, Diastolic: 20 - 150 mmHg, Heart rate: 40 - 200 bpm
Interfaces:	Integrates with all popular stress ECG systems using RS-232 and 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 operation.
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/SSMI SP10:2002.
Standards:	EN 60601-1, EN 60601-2-30, EN 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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