



# SunTech® *Tango* M2

STRESS BP



## **Automated Blood Pressure Monitor**

For Cardiac Stress and Exercise Testing

# SunTech Tango M2

Our cardiac stress blood pressure (BP) monitoring products give you the confidence to know that patient movement, mechanical vibration and observer variability won't interfere with an accurate reading. Your focus can be where it matters most - on your patient.

Whether performing a test using a treadmill, ergometer, or pharmacological stress testing, the Tango M2 reliably monitors BP allowing you to focus on your patient. The Tango M2 was specifically designed to overcome noise, motion and physical difficulties associated with cardiac stress and exercise testing. The hands-free interface and SpO<sub>2</sub> measurement option make the Tango M2 a comprehensive cardiac testing center.

Recording an accurate and reliable BP measurement at the correct intervals during a test can be difficult and stressful for clinicians and lab technicians. That's why the Tango M2 can be programmed to take an accurate reading at the proper time and initiate readings at the precise moment during each stage, increasing reliability of the measurements. Designed to be used with our Orbit-K Cuff, the Tango M2 utilizes our proprietary DKA algorithm, which provides exceptional performance in the difficult environment of the stress lab.

## Features & Benefits

**Seamless Integration:** Automated communication with your stress system reduces the risk of transcription errors.

**Non-Exercise BP Mode:** Allows BP measurement during patient set-up and recovery without an ECG signal.

**Stat Mode:** Rapidly repeated automatic BP measurements for time sensitive and emergent situations.

**Color LCD:** Improved usability with a 7" color LCD display.

**Verified Measurements:** See the Korotkoff sounds using the onscreen display.

**Data Retrieval:** Easier troubleshooting with 300 BP readings stored in memory and USB capabilities for measurement retrieval.

**Field Upgrades:** USB port allows for field upgrades, making sure end-users always have the current software.



## Options

- Single Patient Use (SPU) Kits for increased infection control
- Pulse oximetry (SpO<sub>2</sub>)
- Internal ECG

## General Specifications

**BP Measurement:** Auscultatory R-wave gating using K-sound analysis, for all static & active phases of stress testing. Oscillometric using pneumatic pressure for static measurements only.

### Measurement Range:

DKA Mode

Systolic: 40 - 270 mmHg    Diastolic: 20 - 160 mmHg

OSC Mode

Systolic: 40 - 260 mmHg    Diastolic: 20 - 160 mmHg

Heart Rate: 40 - 200 bpm

**Interfaces:** Integrates with all popular stress ECG systems using RS-232, BNC, ECG cable only for internal ECG & USB connections.

**ECG Source:** Primary - From integrated stress ECG system or other external source.  
Secondary - Internal ECG option using V2, V6, RL

**Power:** Input - 100-240 VAC @ 1.5A, 50-60 Hz.  
Output: +9 VDC @ 5A IEC 320 type input connector.  
Classification - Class I, continuous

**BP Sampling Intervals:** From integrated stress ECG system or other external source, or 1 -20 minute intervals.

**Dimensions:** 24.0 cm x 17.4 cm x 11.5 cm (9.5" x 6.9" x 4.5")

**Weight:** 1.68 Kg (3.725 lb)

**Warranty:** 2 year standard warranty on monitor.

**Accuracy:** Equivalent to a trained observer using a cuff/stethoscope auscultation method per ANSI/AAMI/ISO 81060-2

**Standards:** IEC 60601-1:2005, IEC 60601-1-2:2007 (EMC), IEC 80601-2-30:2009, ISO 80601-2-61:2011, ISO 10993-1:2009, ISO 10993-5:2009, ISO 10993-10:2010, FDA 21CFR801.5, MDD, WEEE

## Orbit-K BP Cuffs

SunTech's patented Orbit-K™ BP cuff is designed specifically for cardiac stress and exercise testing applications. This sleeve enables the BP measurements to be repeatable and more reliable by maintaining proper BP cuff placement during the entire length of the cardiac stress test.

Orbit-K BP cuffs enable repeated, reliable BP measurements to be taken by maintaining proper placement for the length of the cardiac stress test while also ensuring patient comfort. The Orbit-K Cuff comes standard with our Tango M2 monitor and is designed to secure the microphone along the brachial artery.



With more than 30 years dedicated to developing our world-class blood pressure technology, we are confident that we don't miss a beat - so you won't either. It's our legacy. It's SunTech Medical. **It's The Difference In Clinical Grade.**



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ETL CLASSIFIED



Intertek  
2015  
MEDICAL  
ELECTRICAL  
EQUIPMENT



82-0126-08-MA Rev D



# SunTech Tango M2 Part Numbers

## Tango M2 Systems

99-0088-00 Tango M2 without ECG

99-0088-01 Tango M2 with ECG

Contact customer service for a Tango M2 that interfaces with a specific stress system

## Tango M2 Single Patient SPU Kits

*A disposable cuff solution for use on the SunTech Tango M2.  
(12" K-sound Microphone not included with Kits)*

98-0700-01 Small Adult SPU Kit Range 17-25 cm

98-0700-02 Adult SPU Kit Range 23-33 cm

98-0700-03 Adult Long SPU Kit Range 23-33 cm

98-0700-04 Large Adult SPU Kit Range 31-40 cm

98-0700-05 Large Adult Long SPU Kit Range 31-40 cm

98-0235-01 12" SPU Kit K-sound microphone

## Orbit-K Cuffs

98-0062-21 Orbit-K™ Small Adult Cuff with microphone (18–27 cm)

98-0062-22 Orbit-K Adult Cuff with microphone (25–35 cm)

98-0062-25 Orbit-K Adult Plus Cuff with microphone (27–40 cm)

98-0062-23 Orbit-K Large Adult Cuff with microphone (32–44 cm)

## Accessories

91-0127-01 Patient Cable, 15'

91-0004-00 ECG Patient Cable (For Tango M2 with ECG)

98-0057-00 RS-232 to USB Adapter Kit

98-0233-01 LPXpod Kit

52-0003-00 LPXpod Pulse with Adult Finger Clip Sensor

91-0125-01 LPXpod Cable Oximeter

91-0129-00 18" Orbit-K™ K-sound Microphone

19-0012-01 Power Supply, 9V @ 5A 120/240V, Isolated Ground

99-0027-39 Tango M2 Preventative Maintenance Kit

(Contains 1 Adult Plus cuff with microphone, 1 Adult Large cuff with microphone, and 1 Tango M2 Patient Cable)

36-0001-01 Pole Clamp

98-0003-00 Wrist Strap