# Quinton Q5000
Tango Interface Notes

You can setup the Tango with your stress system using the following directions. You will need the ECG trigger and RS-232 cables specified below.

- The ECG trigger cable is required for the Tango monitor to be able to take a BP measurement.
- You will need the RS-232 cable to establish communication between the Tango and your stress system. This cable allows your stress system to prompt the Tango when it needs a BP measurement. In addition, it allows the BP measurements taken by the Tango to be transferred to your stress system display and reports.

RS-232
Part # 91-0020-00

BNC External ECG
Part # 91-0018-00
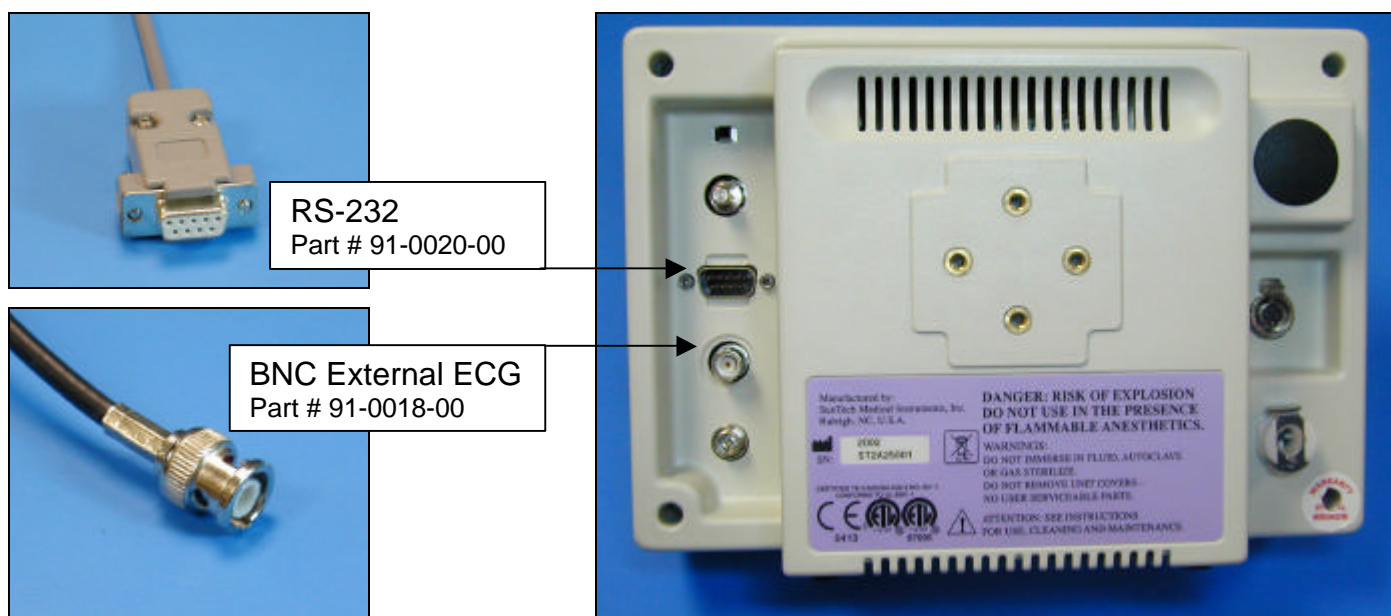
1. Plugging in the ECG trigger cable
   Connect: the ECG trigger cable, SunTech part #91-0018-00 (1/8" phono plug to BNC)
   From: the BNC External ECG connection on the rear panel of the Tango (BNC)
   To: the QRS SYNC connection on the back of the stress system (1/8" phono plug); if this connection is occupied, then use either
      - The connection labeled CHANNEL ONE OUT or
      - A dual mini phone jack adapter to allow two connections to the QRS SYNC connection.

2. Plugging in the RS-232 cable
   Connect: the RS-232 cable, SunTech part #91-0020-00 (9 pin female to 9 pin male)
   From: the RS-232 connection on the rear panel of the Tango (9 pin female)
   To: the AUX 1 connection on the back of the stress system (9 pin male)

3. Setting up the Tango monitor
   a. Turn on the Tango using the switch at the rear top left corner of the Tango.
   b. Once the operating screen is displayed, press the *MENU*/SELECT button. Use the UP or DOWN buttons to select **Utilities** and press the menu button.
   c. Use the arrow buttons to select **Device** and press the MENU/*SELECT* button to edit. Choose **QUINTON** using the arrow buttons and press the select button to confirm the choice.
   d. Select **ECG trigger** and press the select button to edit. Choose **DIGITAL**↑ and press the select button to confirm the choice. If you are connected to **CHANNEL ONE OUT**, select **ANALOG** for the ECG trigger.
   e. Select **Exit** twice to return to the operating screen.

4. Setting up the stress system
   a. To setup the Tango as the BP monitor, choose **SET UP** at the master menu, then **SERIAL PORT CONFIGURATION**.
   b. Select AUX 1/BP with **410/412 BP MONITOR** as the set up.
   c. Select **PREVIOUS MENU**, then **MASTER MENU** to go to main screen.
   d. To program the stress system when to take BP readings, choose **SELECT PROCEDURE** from the master menu.
   e. Select **EDIT PROCEDURE** twice in the upper right corner and then the procedure you wish to edit.
   f. Select **NEXT MENU** twice, scroll through the menu to **SELECT TIMED EXERCISE EVENTS**. Use the up and down arrows to select the time intervals at which you would like to take BP readings, or type in actual times.
   g. Select **BP** for adding the event.
   h. Select **NEXT MENU**, then **RECOVERY EVENTS,** and follow steps g and h to setup similarly.
   i. Select **SAVE**, then go to **RECOVERY MENU**, and then to **MASTER MENU** to return.
   j. Start a test or use the keyboard command to initiate a BP reading using the Q5000 to complete the setup.