



**SEAWARD**

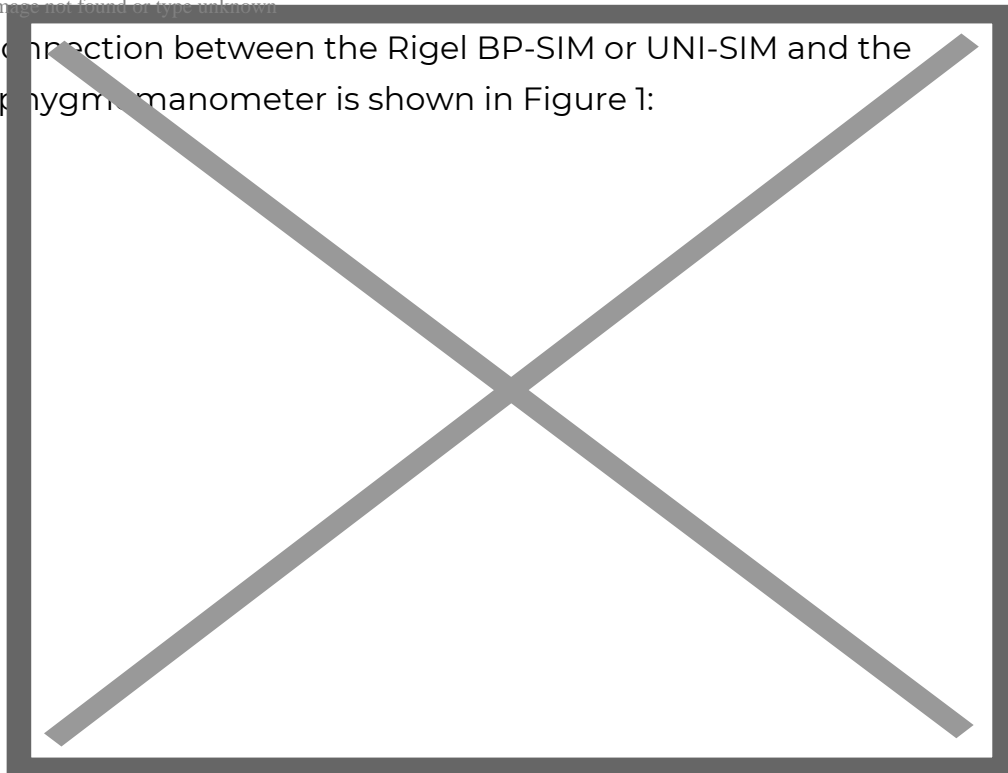
GMC-INSTRUMENTS GROUP

## How do you test Sphygmomanometers using the BP-SIM or UNI-SIM?

A simple way to test the correct pressure readings on Sphygmomanometers is to compare a static pressure reading between the Rigel BP-SIM or UNI-SIM and the reading on the Sphygmomanometer.

Image not found or type unknown

Connection between the Rigel BP-SIM or UNI-SIM and the Sphygmomanometer is shown in Figure 1:

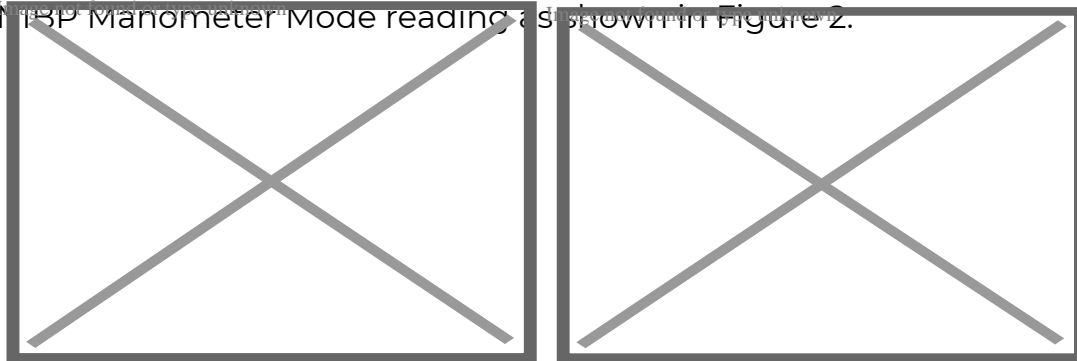


*Figure 1. Sphygmomanometer test setup*

In the picture above, a manual inflator bulb is used to create a positive pressure in the NIBP line which includes the NIBP cuff, the Rigel BP-SIM or UNI-SIM and the Sphygmomanometer.

The cuff is included to provide an air volume so a more accurate pressure reading can be obtained.

Set the Rigel BP-SIM or UNI-SIM in the manometer mode by choosing the NIBP Manometer Mode reading as shown in Figure 2.



*Figure 2. NIBP manometer mode*

Then apply the required pressure with the bulb and the Rigel BP-SIM or UNI-SIM will show the pressure on the screen which can be compared with the reading on the sphygmomanometer.

If you require more help, please contact us at <https://www.seaward.com/us/enquire/>.