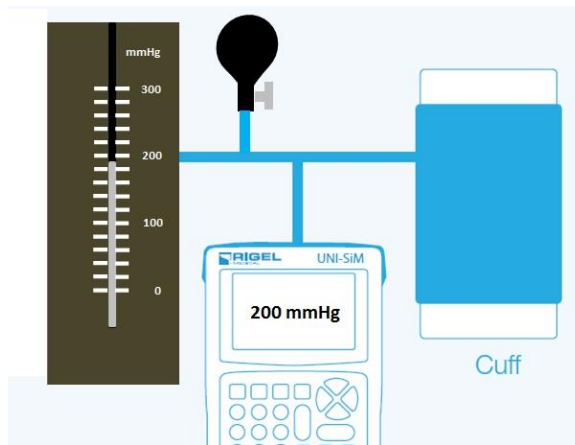


How to test Sphygmomanometers using the BP-SIM or UNI-SIM?

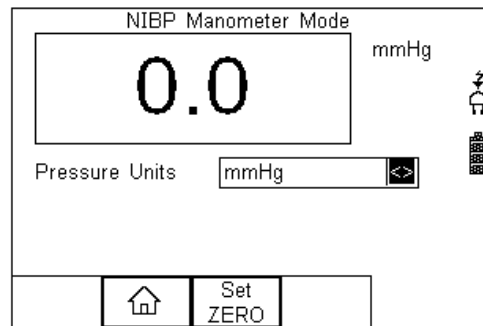
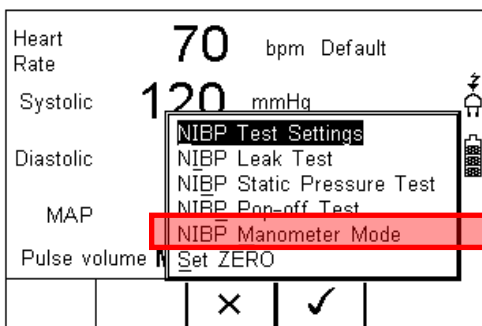
A simple way to test the correct pressure readings on Sphygmomanometers is to compare a static pressure reading between the Rigel BP-SIM or UNI-SIM and the reading on the Sphygmomanometer.

Connection between the Rigel BP-SIM or UNI-SIM and the Sphygmomanometer is as follows:



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 following options on the simulator:



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.