

Calibrate the BP-100 pressure transducer

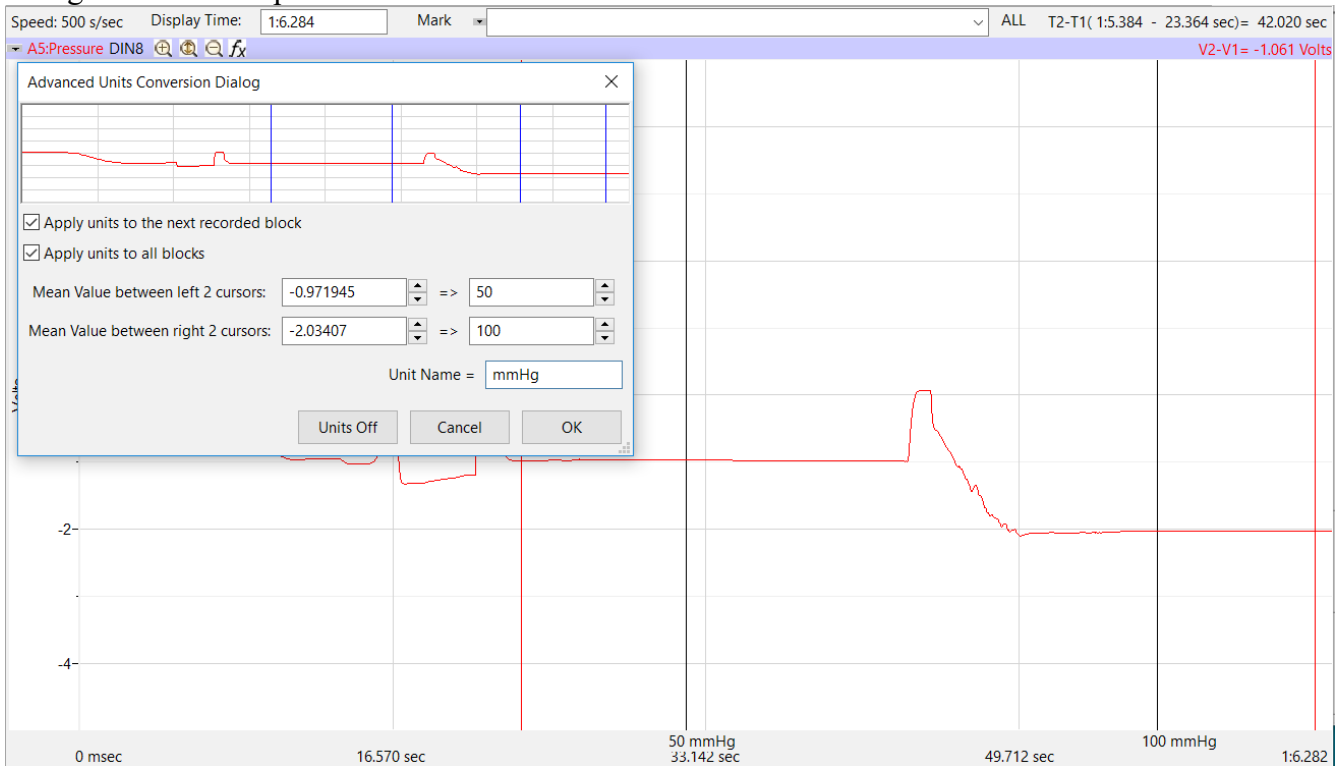
The BP-CalKit is designed to simplify the process of calibrating the BP-100. The BP-CalKit is not necessary, you can use your own manometer for the calibration

1. Connect the calibration kit to the BP-100 as shown.



2. Connect the BP-100 to the iWorx recorder or amplifier.
3. Start recording in LabScribe.
4. Increase the pressure, using the bulb to 50 mmHg. Hold the pressure steady for a few seconds.
5. Mark the record in LabScribe with "50 mmHg"
6. Increase the pressure, using the bulb to 100 mmHg. Hold the pressure steady for a few seconds.

7. Mark the record in LabScribe with "100 mmHg"
8. Stop recording.
9. Right click on the pressure channel and choose Units→Advanced.



10. In the Advanced Units dialog,
 - place the left 2 cursors over the region that corresponds to 50mmHg.
 - place the right 2 cursors over the region that corresponds to 100mmHg
 - Check the Apply units to the next recorded block
 - Check the Apply units to all blocks. This will apply the units to channel on all the previously recorded blocks
 - Set the values in the right side text boxes to 50 and 100
 - Set the units to mmHg.
 - Click OK.

The Channel is now calibrated to read in mmHg.