S-17 Micro Manometer quick start guide

Thank you for your purchase of OmniSense S-17 Wireless Micro Manometer. Follow the steps below to install your sensor and view data readings.

1   Create a new account if you do not already have one

- You will need a monitoring account and a "online" gateway to see live data on your job site
- see "Monitoring quick start guide" for instructions on creating your account

2   Zero Calibration

- make sure the meter temperature has acclimated to the ambient air temperature at the mounting location
- remove tube(s) from both high and low ports
- hold button on front panel for approximately 30 seconds to do a zero calibrate
    - o   critical this is done AFTER sensor is in final location. These sensors are so sensitive that physical orientation changes their zero set point so always zero calibrate after moving the sensor
- verify zero calibration by pushing display button and verify the reading, with no tubes connected, fluctuates in the range of +/- 0.0010".

3   Install your sensors

- sensor should be within wireless range of a gateway which is typically 200-300 feet
- sensors come shipped with battery (ER14505 3.6V lithium) in and are always powered on
- Connect 1/8" i.d. tubing to high or low pressure port depending on application
    - o   TIP - if high pressure is higher than low pressure, readings will be negative
    - o   TIP - typically one port does not need tubing connected as it will be exposed to the ambient air pressure
- mount sensor in final orientation and location

4   View your sensor data

- instantaneous differential pressure can be viewed at any time by pushing the button on the front panel.
- see "Monitoring quick start guide" for instructions on viewing data through your OmniSense monitoring account

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