



360 SOILSCAN™ HOW-TO: SENSOR TESTING

First Time Use

Prior to first use, soak your sensor. When you first pull 360 SOILSCAN out of the case, replace the glass cover with the standard solution in the Calibration and Overnight bottle. Then, let the sensor soak for at least 30 minutes before running your first sample.

Sensor Ware Procedure

The existing 360 SOILSCAN software is continually checking for degradation of the sensor and sensor tip. However, not every condition can be monitored. The additional steps below can be taken to help determine if your sensor is operating correctly or if it needs replaced.

1. Calibrate sensor.
2. Place an empty cup in the Mix station and press the "Mix Soil" button.
3. When Mix cycle is complete, keep the Calibration and Overnight Bottle (full of standard solution) in the Sense station and press "Start Reading".
4. Result should read between 19 ppm to 21 ppm.
5. Place an empty cup in the Mix station and press the "Mix Soil" button.
6. Fill another empty cup up to a 1/4" of the rim with distilled water.
7. When Mix cycle is complete, remove Calibration and Overnight Bottle from Sense station.
8. Rinse sensor with distilled water and wipe down the sensor.
9. Place a cup of distilled water in the Sense Station.
10. Press the "Start Reading" button.
11. Final results should read between 1 ppm and 2 ppm.

Recommendation for readings within accurate range of 1 ppm to 2 ppm	Recommendation for readings outside of accurate range of 1 ppm to 2 ppm
Continue using sensor tip. Repeat this test as necessary.	Replace with a new sensor tip.