



360 SOILSCAN™
pH SENSOR KIT
ASSEMBLY
INSTRUCTIONS



360 SOILSCAN™ pH SENSOR KIT ASSEMBLY INSTRUCTIONS

⊕ PARTS OVERVIEW

360 SOILSCAN™ pH Sensor Kit (Part No. 431038)

- + 360 SOILSCAN pH Sensor Kit Assembly Instructions (Part No. INST 431038)
- + pH Sensor Assembly (Part No. 431037)
- + Bottle of NO₃-N, 7pH Standard Solution (Part No. 432340)
- + T-25 Torx L-Key (Part No. 432341)
- + Nut (Part No. 432264)
- + Screw (Part No. 432342)

⊕ PLEASE NOTE

- + Use only the NO₃-N, 7pH Standard Solution with the pH Sensor.
- + When using a new sensor tip for the first time, allow the sensor to soak in the Standard Solution for a minimum of one hour prior to testing.

NOTE: The first soil test reading with a new sensor tip will be inaccurate due to initial sensor adjustments. Simply discard the first test and continue your testing.
- + Always soak the sensors in the NO₃-N, 7pH Standard Solution when not in use.
- + For short-term storage (24 hours or less), soak the pH Sensor in NO₃-N, 7pH Standard Solution. The 4-Compartment Calibration Bottle is fine for this purpose. For more than 24 hours or winter storage, fill the pH Sensor Storage Bottle that originally accompanied the pH Sensor with NO₃-N, 7pH Standard Solution, and place this onto the end of the pH Sensor. Screw the cap tightly in place to the sensor.

⊕ IMPORTANT: PLEASE READ BEFORE USING 360 SOILSCAN

- + To prevent injuries and to avoid damaging 360 SOILSCAN, please read all product safety instructions before using 360 SOILSCAN. For detailed safety instructions, launch your 360 SOILSCAN Application, select Settings and navigate to Product Safety. In addition, before using your 360 SOILSCAN, please read all product warranty information by launching your 360 SOILSCAN Application, selecting Settings and navigating to Legal.

⊕ QUESTIONS

- + If you have questions or need assistance, please email support@360yieldcenter.com or call 888-512-4890.

I. INSTALL THE pH SENSOR

Figures 1-4

Step 1 Insert the pH Sensor Assembly into the sensor body hole located at the 3 o'clock position in the sensor platform.

1. Remove the pH Sensor Storage Bottle from the sensor and pull the cap off the sensor. Save the bottle for future storage use.

NOTE: Unscrewing the cap from the storage bottle will make it easier to slide the cap and bottle on and off the sensor.

2. Insert the pH Sensor Assembly into the 3 o'clock position (1) on the sensor platform.

3. Using the T-25 Torx L-Key provided, fasten the pH Sensor Assembly with the enclosed screw and nut to the sensor platform. Tighten the screw into the hole to the front of the assembly hole.



Figure 1

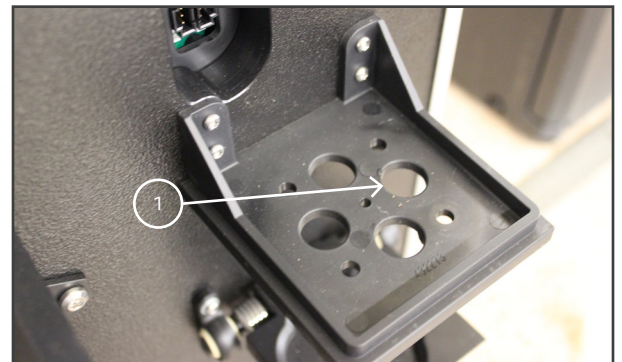


Figure 2



Figure 3



Figure 4

360 SOILSCAN™ pH SENSOR KIT ASSEMBLY INSTRUCTIONS

I. INSTALL THE pH SENSOR (continued)

Figure 5

Step 2 Plug the pH Sensor into one of the four vertical connectors on the 360 SOILSCAN panel.

Figure 6

Step 3 Replace the sensor cover on the 360 SOILSCAN and secure it with the two screws.



Figure 5

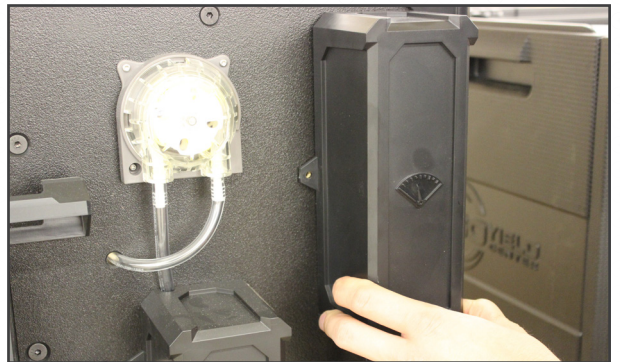


Figure 6

II. LAUNCH SOFTWARE AND CALIBRATE

Step 4 Once the new pH Sensor is connected, the 360 SOILSCAN Application software will auto-configure for the pH sensor.

Step 5 Place the 4-Compartment Calibration Bottle onto the 360 SOILSCAN Sensing Chamber to soak the sensors.

NOTE: The NO3-N, 7pH Standard Solution can be used with both the pH and NO3-N sensors. However, the old NO3-N Standard Solution can only be used for the Nitrate Sensor and will not work with the pH Sensor.

Step 6 Open your 360 SOILSCAN Application on your iPad®. Under the Calibrate tab, press Next Step: Soak Sensor. Then press Next Step: Calibrate Sensor.

Step 7 Follow the instructions in the 360 SOILSCAN Application on your iPad to run new samples through the pH and Nitrate Sensors.



pH SENSOR KIT ASSEMBLY COMPLETE