METER

PHYTOS 31

LEAF WETNESS SENSOR

PHYTOS 31 QUICK START

Preparation

Confirm that PHYTOS 31 components are intact. For installation, gather a mounting post and either zip ties or 4-40 bolts.

Read the full PHYTOS 31 User Manual at metergroup.com/phytos31-support. All products have a 30-day satisfaction guarantee.

Connecting

Plug into Data Aquisition System

Connect the stereo plug connector into any METER data logger and configure it to read the PHYTOS 31 (refer to the PHYTOS 31 User Manual). Select a nonzero measurement interval to ensure data are being logged. To connect to a non-METER data logger, see the PHYTOS 31 User Manual.

Verify Readings

Use the **SCAN** function in the software to show a list of readings. A dry sensor should have raw counts between 430–445 counts.

⚠ ATTENTION

The PHYTOS 31 requires the most current software and firmware versions. Please make updates as necessary.

ZL6 firmware version 2.02 or higher
Em50 firmware version 2.27 or higher
EM60 firmware version 1.09 or higher
ProCheck firmware version 1.69 or higher
ECH2O Utility version 1.83 or higher
ZENTRA Utility version 1.12.19 or higher

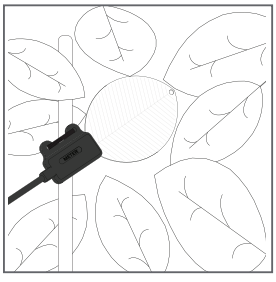
Go to metergroup.com/environment/downloads/ to find the current software or firmware version for the data logger being used.

Installation

1. Install Sensor to Mounting Post

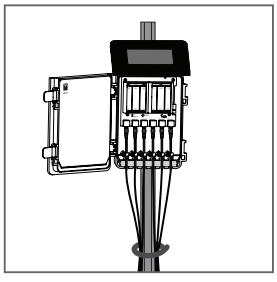
Install the mounting post. With the PHYTOS 31 electrode traces facing up, thread zip ties or 4-40 bolts through the mounting holes on the sensor body and attach them to the mounting apparatus.

NOTE: Wetness duration is affected by the mounting angle. Mount the sensor at the appropriate angle for the desired measurement.



2. Plug Sensor In and Configure Logger

Plug the sensor into the data logger. Use data logger software to apply appropriate settings to the sensors plugged into each data logger port.



SUPPORT

Have a question or problem? Our support team can help.

We manufacture, test, calibrate, and repair every instrument in house. Our scientists and technicians use the instruments every day in our product testing lab. No matter what your question is, we have someone who can help you answer it.

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