



METER
ENVIRONMENT

ENVIRONMENTAL/ CLIMATE MONITORING



PHYTOS 31

The PHYTOS 31 measures both the onset and duration of wetness on a simulated leaf, which in turn predicts when the onset of certain diseases or infections may occur. It's not only a more accurate instrument, it's also the easiest to set up, making it a simple and straightforward solution to several problems.

KEY FEATURES

- Accurate
- Detects leaf wetness and ice formation
- High sensitivity without false positives
- Mimics a real leaf, so moisture will condense/evaporate as it would on a normal leaf
- Plug and play capability
- Use with the ZL6 data logger for remote data collection
- No painting required

SPECIFICATIONS

- DIMENSIONS
12.0 cm L x 5.8 cm W x 0.8 cm H
- OPERATING TEMPERATURE
-40 °C to +60 °C
- SUPPLY VOLTAGE
2.5 VDC to 5.0 VDC
Settling time: 10 ms
- OUTPUT
300–1,250 mV (depends on excitation voltage)
- DATALOGGER COMPATIBILITY
Data acquisition systems capable of switched 2.5–5.0 VDC excitation and single-ended voltage measurement at greater than or equal to 12-bit resolution.