

MICROTENSIOMETERS TO MEASURE CONTINUOUS WATER POTENTIAL IN WOODY CROPS.

This is the microT, based on the microtensiometer sensing system developed at Cornell University. Measure tree and vine stem water potential (SWP) continuously for months to years in many woody species. Receive continuous pressure chamber data, on your phone, without manual measurements in the field!

VALIDATED IN

ALMOND

GRAPES

PISTACHIO

CHERRY

MANGO

APPLE

PEACH

PLUMS

OLIVE

PRUNE

COMING SOON...

WALNUT

PECAN

CITRUS

AVOCADO

AND MORE!



SPECIFICATIONS

WATER POTENTIAL SENSOR

- Water potential range: 0 to -35 bar
- Resolution: 0.1 bar
- Accuracy: $\pm 5\%$ of reading

THERMOMETER

- Temperature range: 5 °C to 50 °C
- Resolution: 0.1 °C
- Accuracy ± 2 °C

SCIENTIFICALLY VALIDATED

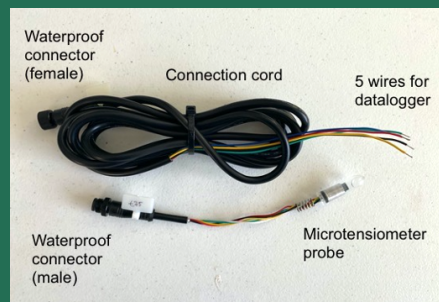
"Other companies use different approaches to monitor plant water stress, but FloraPulse technology gives the most accurate picture."



PROFESSOR KEN SHACKEL,
UC DAVIS



Installation tools included.



Microtensiometer probe with 10' extension cord.
Available in analog and SDI12 versions.

AVAILABLE IN 3 VERSIONS

All systems include the microtensiometer probes, and tools needed for installation. Installation is easy and takes 20 minutes, just follow our instructional video.

ANALOG PROBE

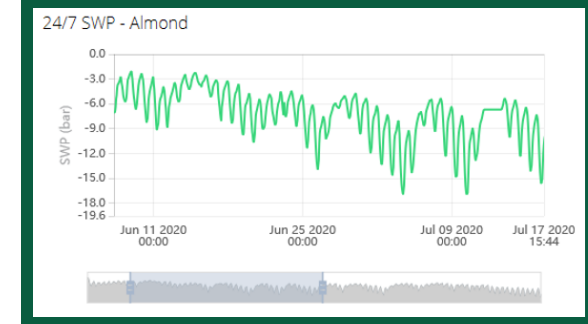
- Compatible with scientific dataloggers

SDI12 PROBE

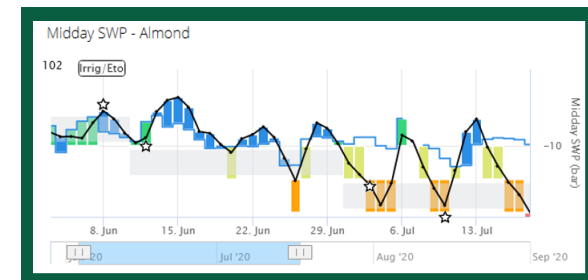
- Compatible with any SDI12-compliant datalogger

ALL-INCLUSIVE ANNUAL SUBSCRIPTION

- Includes probes, 4G/2G datalogger, cellular data and visualization platform. This is a plug and play system to get you running in 30 minutes. Install the sensor, hang the logger and you're done.



Continuous SWP data from almond tree. Shown in the FloraPulse online dashboard.



Midday SWP data from almond tree, shown in the FloraPulse online dashboard. The figure shows the measured midday SWP (black line), manual pressure bomb measurements (stars), the SWP baseline calculated from weather data (blue line), the color-coded stress levels (colored bars) and the recommended stress level (grey shading).

OUR ALL-INCLUSIVE SUBSCRIPTION SERVICE

Stay up to date and never worry about equipment failing. The FloraPulse all-inclusive subscription service allows you to visualize your data online, and receive updated equipment and replacements yearly. Ideal for growers and scientist alike. Contact us for a quote!



FloraPulse subscription. Includes the sensor probe, installation kit, cellular data and visualization.



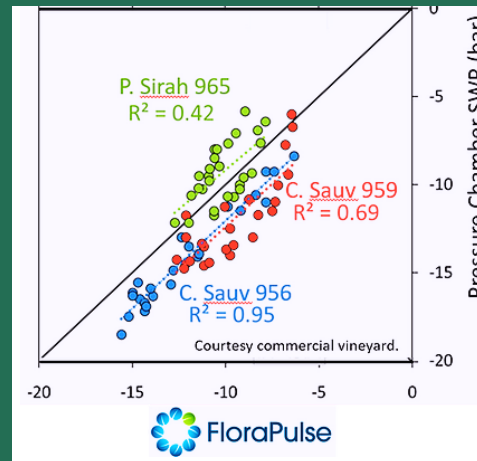
OUR COMPANY

Founded with research from Cornell University, and backed by funding from the NSF and USDA, FloraPulse systems have been used by growers and scientist since 2018. Today, our microtensiometers are informing irrigation and contributing to cutting-edge research worldwide!

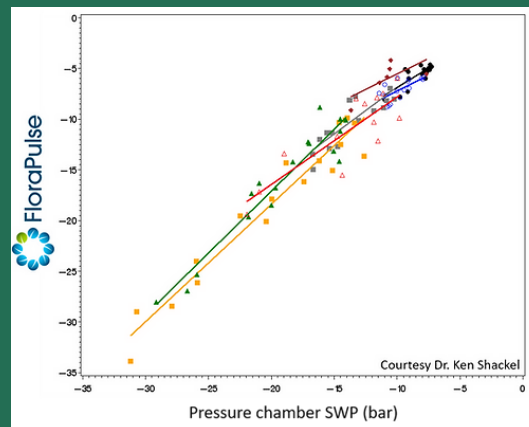
VALIDATED AGAINST THE PRESSURE BOMB

Measurements agree, the FloraPulse microT provides you with accurate AND continuous SWP data.

GRAPES



ALMONDS



VISIT OUR WEBSITE
SCAN HERE



**STOP THE PRESSURE
BOMB HASSLE! GET
DIRECT AND CONTINUOUS
STEM WATER POTENTIAL
READINGS.**



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