



1. Solar Radiation Sensor

To measure solar radiation and solar energy. Diffuser element and housing are carefully designed for accurate cosine response. Silicon photo diode provides good match to solar spectrum. Two-piece housing minimizes radiation heating, allows convection cooling of the sensor, and prevents the trapping of water or dust. To mount next to a rain collector, add our Sensor Mounting Shelf (not included).

6450 Solar Radiation Sensor

Includes 2 ft. (0.6 m) cable. Use Standard 4-Conductor Extension Cable. Maximum cable length is 125 ft. (38 m) from sensor to integrated sensor suite.

7876-008 Cable, 8 ft. (2.4 m)
7876-040 Cable, 40 ft. (12 m)
7876-100 Cable, 100 ft. (30 m)

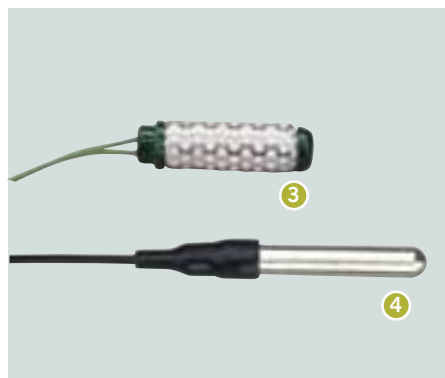
2. UV Sensor

Measures the sunburning portion of the UV spectrum. Allows you to display UV index, dose rate, and daily and accumulated dose. Multi-layer filter provides a spectral response that closely matches the Erythema Action Spectrum. Diffuser provides excellent cosine response. Two-piece housing minimizes radiation heating, allows convection cooling of the sensor, and prevents the trapping of water or dust. To mount next to a rain collector, add our Sensor Mounting Shelf (not included).

6490 UV Sensor

Includes 2 ft. (0.6 m) cable. Uses Standard 4-Conductor Extension Cable. Maximum cable length is 125 ft. (38 m) from sensor to integrated sensor suite.

7876-008 Cable, 8 ft. (2.4 m)
7876-040 Cable, 40 ft. (12 m)
7876-100 Cable, 100 ft. (30 m)



3. Soil Moisture Sensor

Watermark® soil moisture sensor uses electrical resistance to measure the moisture level of the soil. Does not require periodic maintenance during the growing season. Simply bury at the desired depth, then monitor moisture levels throughout the season. Add up to four sensors to a single Leaf & Soil Moisture/Temperature Station. Includes 15 ft. (4.6 m) cable.

6440 Soil Moisture Sensor



4. Stainless Steel Temperature Probe

Multi-purpose temperature probe with 2½" (64 mm)-long stainless steel housing. Use to measure temperature of air, soil, or water. Add up to four probes to a single Leaf & Soil Moisture/Temperature Station. Includes 15 ft. (4.6 m) direct-burial cable.

6470 Stainless Steel Temperature Probe



5. Leaf Wetness Sensor

Use to monitor the level of surface moisture on foliage, with range from 0 (completely dry) to 15 (saturated). Add up to two sensors to a single Wireless Leaf & Soil Moisture/Temperature Station. Includes 40 ft. (12 m) cable.

6420 Leaf Wetness Sensor

6. Sensor Mounting Shelf

For mounting Vantage Pro2 solar radiation and/or UV sensors. Rigid shelf with anodized aluminum posts and stainless steel hardware attaches easily next to the rain collector on the outside of the integrated sensor suite.

6673 Sensor Mounting Shelf

FIELD STATION SHOWING SOLAR POWER KIT & SOIL MOISTURE SENSORS

