

Quantum Meter Sun and Electric Calibration Switch with Separate Sensor Model QMSW-SS



Our basic meter with a separate sensor and a switch that toggles between calibrations for sunlight and electric light.

Measures photosynthetically active radiation (PAR), which is more specifically referred to as the photosynthetic photon flux (PPF).

SPECIFICATIONS

RANGE	0-1999 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (micromoles of photons per meter squared per second) Sunlight at solar noon in midsummer is about 2000 $\mu\text{mol m}^{-2} \text{s}^{-1}$
INPUT POWER	Standard 9 volt battery
OPERATING ENVIRONMENT	0 to 50° C. Less than 90% non-condensing, relative humidity up to 30° C. Less than 70% RH from 30 to 50° C.
DISPLAY	3 ½ digit, 1.2 cm height
CABLE	2 meters of shielded, twisted-pair with Santoprene casing
DIMENSIONS	Meter 12.6 x 7 x 2.4 cm Sensor 2.4 cm diameter, 2.5 cm tall
MASS	Meter with Sensor: 200 g
WARRANTY	1 year parts and labor

Sun / Electric Difference

This meter is calibrated for both sunlight and electric lamps. The calibrations differ by about 12%.