

## Quantum Meter With Separate Sensor

### Model QMSS-S or QMSS-E



Our basic meter with a separate sensor to measure photosynthetically active radiation (PAR) in photon flux (PPF).

Specify calibration for use in natural (sun) or electric light.

#### **SPECIFICATIONS**

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

#### **Sun / Electric Difference**

This meter is calibrated for either sunlight or electric lamps. The calibration differs by about 15%.