



Par Measuring Unit with Sensor In Carrying Case.

Code: [505-098](#)

Product Group: [N/A](#)

- Comparison of photosynthetic efficiencies of light sources.
- Assessment of drift in incidental radiation.
- Design of lighting arrays in greenhouses.
- Prediction, over a period of photosynthetic activity in fluctuating light environments such as beneath plant canopies.
- Plant ecology studies.

This sensor with its measuring unit equates the photosynthetically active radiation (PAR) which occurs in the waveband of 400 - 700 nm, to the photosynthetic response of plants. The units displayed show the integrated area under the PAR curve and the range switch gives 3 decades of sensitivity.

The sensor has a cosine-corrected head, and the FET input circuitry of the measuring and display unit, preserves linearity. The unit also incorporates dual slope integration with "auto zero" for A/D conversion.

Further Information

This is a precise mounting unit with adjustable feet and spirit level for ensuring the sensors of the various instruments are presented in the correct plane.