

Field Scout®

Light Meters

Management solutions for:

- Light measurement



Field Scout® Red/Far Red Meter

Plants use the Red/Far Red light ratio to determine how crowded they are, and grow tall or full accordingly. Previously, Red/Far Red measurement required expensive spectroradiometers or sensors, and post-measurement computation. The Field Scout meter displays the Red/Far Red ratio on the LCD screen, and with the push of a button, the 660nm and 730nm readings. 9 volt battery included.

Item 3412 [Field Scout Red/Far Red Meter](#)

Field Scout® UV Meter

Monitor critical UV radiation (250-400nm) with this handheld meter. Particularly useful for determining UV filtering capacity of greenhouse shades and glass barriers. Range is 0-200.0 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (full sunlight). 9 volt battery included.

Item 3414F [Field Scout UV Meter](#)

Field Scout® Quantum Light Meters

Measure light used for plant growth. This handheld quantum meter measures photosynthetically active radiation (PAR) from 400-700nm, with a range of 0-2000 $\mu\text{mol m}^{-2} \text{s}^{-1}$. PAR is a more valuable measurement than Foot-Candles as it measures only the light used by plants for photosynthesis. Available in a variety of configurations for your convenience. 9 volt battery included.

Item 3415F [Field Scout Quantum Meter](#)

Item 3415FSE [Field Scout Dual Solar/Electric Quantum Meter](#)

Item 3415FXSE [Field Scout Dual Solar/Electric Quantum Meter - External Sensor](#)

Item 3415FQF [Field Scout Quantum and Foot-Candle Meter](#)

Field Scout® Foot-Candle Meter

This affordable light measurement solution displays immediate light level in terms of Foot-Candles. Precision photo diode with cosine correction. 9 volt battery included.

Item 3413F [Field Scout Foot-Candle Meter](#)

