



Light Display Meter Range

The Skye Display Meter range allows easy, direct readings of light levels from Skye PAR, Pyranometer, Lux, and Red/Far Red sensors.

Each meter is individually matched to its associated sensor(s) to give accurate, calibrated measurements. Sensors cannot be interchanged without factory adjustment.

All have a 3 position range switch to cover low to high extremes of light levels. The 2 sensor model also has 3 display modes, where it will display readings from sensor 1, sensor 2 or a ratio of both sensors simultaneously.

The meter has a clear 3.5 LCD display, with a low battery indicator. Power is automatically switched off if the sensor is disconnected.

Precision input circuitry ensures linearity of the calibrated measurements over the entire working range.

For recording applications the Display Meter has a buffered output for direct input into a data logger.



Easy to use

Direct readout of light levels in 3 switchable ranges
Models to accept Lux, PAR, Pyranometer and Red/ Far Red Sensors
1 & 2 channel sensor versions
2 channel model has additional ratio display

SPECIFICATIONS

Power Supply: 1 x 9 volt PP3 battery, alkaline or +NiMH. Approx. 250hrs life with alkaline

Temperature: -10 to +60 C

Accuracy: 0.1%

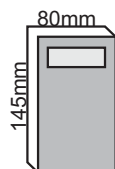
Linearity: Typically better than 0.1% of working range

Weight: 280g including battery

Display: 3.5 digit LCD

Controls: On/off (unit is automatically off when the sensor is unplugged)
 Range- 3 positions. Ratio mode on 2 sensor models

Dimensions:



RANGES

Model	Meter Ranges	Units
SKR 100	0 - 2 0 - 20 0 - 200	$\mu\text{mol m}^{-2} \text{s}^{-1}$
SKP 200	0 - 200 0 - 2,000 0 - 20,000	$\mu\text{mol m}^{-2} \text{s}^{-1}$
SKL 300	0 - 2,000 0 - 20,000 0 - 200,000	Lux
SKE 500	0 - 20 0 - 200 0 - 2,000	Wm^{-2}
SKS 110	0 - 20 0 - 200 0 - 2,000	Wm^{-2}

ORDERING INFORMATION

Display Meter

SKR 100
For use with SKR 110 or SKR 1800 sensors

SKP 200
For use with SKP 210 or SKP 215 sensors

SKL 300
For use with SKL 310

SKE 500
For use with SKE 510

SKS 1100
For use with SKS 1110

SKP 2200
For use with 2 sensors. Comes with 'Y' adaptor (includes ratio display)

Accessories

SKL 140
Carry Case

Skye Instruments Ltd

21, Ddole Enterprise Park, Llandrindod Wells, Powys, LD1 6DF, United Kingdom

TEL: +44 (0)1597 824811 EMAIL: skyeemail@skyeinstruments.com WEB: www.skyeinstruments.com