

LIGHT

Display Meter Range

- 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 sensor model has additional ratio display



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, it will display readings from sensor 1, sensor 2 or a ratio of both sensors simultaneously.

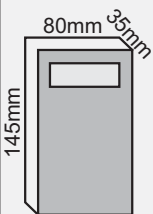
The meter has a clear, 3.5 LCD display with a low battery indicator. Power is automatically switched off if

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 chart recorder.



SPECIFICATIONS Meter

Dimensions	Weight	Display	Controls	Ranges	Power Supply	Temperature	Accuracy	Linearity
	280g including battery	3.5 digit LCD	On/off (unit is automatically off when sensor is unplugged) Range- 3 positions. Ratio mode on 2 sensor models	See table below	1 x 9 volt PP3 battery, alkaline or NiCad. Approx. 250hrs life with alkaline	-10 to +60°C	0.1% ± LSD	Typically better than 0.1% of working range

NOTES ON SPECIFICATIONS

*Please request datasheet for individual sensors for response specifications

RANGES

Display 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	Watts m^{-2}
SKS 1100	0 - 20 0 - 200 0 - 2,000	Watts m^{-2}

ORDERING INFORMATION

Display Meter	Sensor
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

Accessories

SKL140	Carry Case
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