

Direct Digital Readout: Instantaneous sensor output or 15-second averages can be shown on the LI-250A's display. Measurement units for any LI-COR sensor (μmol , lux, klux, or W m^{-2}) are also displayed.

High Quality Circuitry: The high quality amplifier in the LI-250A provides excellent long-term stability and automatic zeroing. This high gain amplifier gives very low input impedance to sensors, resulting in excellent linearity. Typical accuracy is 0.4% of reading at 25 °C.

Automatic Range Selection: The LI-250A simplifies operation by automatically selecting the range with the best accuracy and resolution for a given sensor input signal. The wide dynamic range allows measurements in a wide variety of light environments.

Hold Key: Pressing the HOLD key lets you retain the current reading on the display. Pressing the HOLD key again returns the LI-250A to measurement mode where the display is continuously updated.

Average Key: 15-second averages can be collected and then held on the display by pressing the AVG key.

Hand-held, Battery Operated: The LI-250A's low power consumption gives you more than 150 hours of operation from a single 9-volt transistor battery. To conserve battery life, the meter auto-matically shuts off after 20 minutes of inactivity.

Weather tight: The LI-250A case is O-ring sealed to make it weather tight.

Sensor Calibration: Calibration multipliers for LI-COR sensors can be entered by simply pressing the CAL key, setting the display units (UNITS key), and then changing the sensor calibration multiplier with the up and down arrow keys. Two sensor multipliers can be held in memory to aid in switching between sensors.



Specification

MODEL	LI-250A
Accuracy	25 °C: Typically $\pm 0.4\%$ of reading ± 3 counts on the least significant digit displayed (all ranges)
	0 - 55 °C: Typically $\pm 0.6\%$ of reading ± 3 counts on the least significant digit displayed (all ranges).
Range Selection	Auto ranging (3 ranges)
Linearity	$\pm 0.05\%$
Sensors	Designed for type "SA" sensors; type "SB" and "SL" sensors with BNC connectors are also compatible when calconnector or millivolt adapter are removed.
Sensor Calibration	Each sensor is supplied with a calibration multiplier. Calibration multipliers for two sensors can be stored in memory. Calibration multipliers are entered from the keypad.
Signal Averaging	Sensor output can be collected and displayed as a 15-second average (approximately 60 readings). Averages are retained on the display in HOLD mode.
Display	4 1/2 digit LCD display. Updated every 0.5 seconds in Instantaneous mode.
Battery Life	150 hours typical with continuous operation.
Low Battery Detection	Low battery indicator displayed with approximately 20 hours battery life remaining.
Operating Conditions	0 to 55 °C, 0 to 95% RH (non-condensing).
Storage Conditions	-55 to 60 °C, 0 to 95% RH (non-condensing).
Size	14 cm L x 7.7 cm W x 3.8 cm D (5.5" x 3" x 1.5").
Weight	0.26 kg (0.57 lbs).