

The CI-202 Portable Area Meter



The CI-202 Portable Area Meter is one of the most affordable leaf area meter in the world. It consists of a high-speed scanner and a scan board with a built-in data logger, display, function keys and rechargeable batteries. The scan board also has guide rails and a transparent film attached for smooth scanner movement.

To measure a leaf, simply lift the film, place the leaf on the board under the film, and slide the scanner over the board. The leaf area, length, width, perimeter, ratio and shape factor are all measured at the same time. Measurement may also be performed while the leaf is still attached to the plant. Over 4000 data sets can be stored and transferred to a computer or printer.

Features:

- High resolution of $.1 \text{ mm}^2$
- Non-destructive measuring
- Measures area, length, width, perimeter, shape-factor and ratio
- Built-in data logger stores 4000 data sets
- Low power consumption
- Transfers data to computers or printers
- Light-weight (just over 1 kg)
- No calibration is required

Specifications:

- Measuring Width: 118 mm
- Resolution: 0.1 mm^2
- Computer Interface: RS232 at 300, 1200, 2400, 4800 and 9600 baud
- Memory Size: 32k bytes (4000 sets of data)
- Display: 16 characters x 2 lines
- Voltage: 15.6 volt rechargeable
- Average Power: 0.3 watt (35 hours of continuous use)
- Dimensions: 38.1 x 25.4 X 2.5 cm
- Weight: 1.36 Kg