NEW!

AM400: Expanded Leaf Area Meter

Introducing the ADC AM400

The AM400 can scan leaves of any shape and unlimited length. It accurately measures damaged or diseased leaf sections. You can easily copy your data files to a PC for further analysis via USB.

Key Features:

- Portable, non-destructive, all-in-one scanning unit
- Configurable RGB image scanner
- A 9 cm x 4.5 cm LCD showing real-time scan images
- 70% increased scan width of 180 mm compared to the AM350 (108 mm)
- Modular scan board for long leaves
- Unlimited scan length
- USB data and charging socket
- Long-lasting lithium-ion battery

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AM400 Technical Specifications

Measured parameters:	Leaf area, maximum length, maximum width, perimeter, mean area, accumulated area, ratio and shape factor
Units of measurement:	User selectable: mm or cm
Scanner:	Contact image sensor array with integral RGB lamp. All permutations of scan colours (individual and combinations) can be selected.
Scanning speed:	Up to 20 mm/sec
Maximum measurement width:	183 mm
Maximum measuring length:	3 m
Precision / repeatability:	+/-1% Linear, +/- 2% Area, +/- 5% Perimeter
Resolution:	Resolution: 0.016 sq. mm
Memory:	Memory: 256K bytes RAM. (Approx. 2,000 data sets)
Display:	240x128 64 x 240 pixel graphic LCD
Battery:	Li-ion 6.7Ah
Computer interface:	Type C USB connection
Battery charger:	Built in fast charger; USB C mains adapter.
Scans between charges:	About 3,000 from fully charged battery
Operating temperature range:	Operating temperature range: 0 - 45 degrees Celsius
Dimensions Scanner:	216 x115 x 70 mm
Scanning base:	280 x 290 mm