Portable Leaf Area Meter

Application:

Portable leaf area meter is mainly used for determination plant leaf, is a portable instrument can work in the field. The leaf area and related parameters of the leaves can be measured accurately, quickly and without damage, the area of the plant leaves and other flakes can also be measured. Widely used in agriculture, meteorology, forestry and other departments.

LCD Display
Push-button Type LAM-A/LAM-B

Touch-screen Type LAM-B

Technical Parameters:

Model	LAM-A	LAM-B
Unit	Millimeter, Square Centimeter	
Precision	±2%	
Resolution	0.01cm²	
Measuring Length	≤1000mm	
Measuring Width	≤160mm	
Thickness	≤8mm	
Data Capacity	≥1000Groups	
Packing Size(W*D*H)	390*230*220mm	580*250*200mm
Gross Weight	2kg	2.8kg

Features:

* Easy to operate. With Micro-computer technology, LCD display.
* Test many kinds of data, such as leaf area, average area, length of leaf, width of leaf, perimeter and ratio of length and width.
* USB link with computer by software, you can put the data into computer, and convert data to excel format and print. (Only for LAM-B)

Leaf Area Meter

Application:

The Leaf Area Meter is a portable instrument that is easy to use and can work in the field. The leaf area and related parameters of the blade can be measured accurately, quickly and without damage, and the area of the picked plant leaves and other sheet-like objects can also be measured. Widely used in agriculture, meteorology, forestry and other departments.

Features:

* Using microcomputer technology, LCD large liquid crystal display.
* One-time measurement of large blade area (1000*155mm).
* 10,000 sets of data (leaf area, leaf length, leaf width) can be stored.

Technical Parameters:

Model	LA-B2
Area Unit	cm²
Resolution	0.01cm²
Measurement Error	<5%
Measuring Width	0~150mm
Measuring Length	0~1000mm
Data Capacity	0 to 10000 groups
Power Supply	4 section 5 batteries
Packing Size(W*D*H)	400*200*150mm
Gross Weight	2kg

Portable Chlorophyll Meter

Application:

Portable Chlorophyll Meter can measure different parameters, such as Chlorophyll. It helps to improve the use of nitrogen fertilizer, and provides reliable soil and crop information for precision agriculture. It can mainly be applied in fields such as agricultural production and ecological monitoring.

Technical Parameters:

Model	PCM-A	PCM-B2
Measurement Indexes	Chlorophyll	Chlorophyll, leaf temperature, nitrogen
Measuring Area	10mm	
Measuring Mode	2-wavelength concentration difference of optical methods	
Sensors	Silicon semiconductor photodiode	
Display Mode	Measuring value: 3 digits liquid crystal display Measuring times: 2 digits liquid crystal display	
Min Measuring Interval	<2s	<5s
Chlorophyll Range	0.0~99.9SPAD	0.0~99.9SPAD
Chlorophyll Accuracy	±1.0SPAD	±1SPAD
Nitrogen Range	/	Full range
Nitrogen Accuracy	/	±5%
Leaf Temperature Range	/	0~60°C
Leaf Temperature Accuracy	/	±1°C
Repeat	±0.3SPAD	
Operating and Storage Environment	0℃~50℃, 85% relative humidity	
Power	2200mAh	
Battery Life	Can maintain more than 20000 operations	
Data Capacity	2GB, SD card	
Packing List(W*D*H)	300*250*150mm	
Gross Weight	1.4kg	1.5kg