

Plant Photosynthesis Meter



Application:

The Plant Photosynthesis Meter applies for measuring Photosynthesis rate of crops, fruits and vegetables, grass etc.

Features:

- * LCD widescreen display.
- * Use - friendly: small in size, light - weight, portable, single - person operation, clear connection of gas circuit and electrical circuit, the leaf chamber open and lock automatically.
- * Excellent performance: high stability, accuracy, repeatability, and good time response. It is able to measure simultaneously Pn, CO₂, PAR, T etc.
- * Widely application: equip different type leaf chamber, it can widely apply for field crop, fruits and vegetables, forest and wood, grass etc. equip standard maintain - free Li - Ion, AC/DC are available, RS232 available.

Technical Parameters:

Model	PPM-C	
CO ₂	Measure Range	0~1500ppm
	Accuracy	3%ppm
Leaf Temperature	Measure Range	0~50°C
	Accuracy	±0.5°C
Air Temperature	Measure Range	0~50°C
	Accuracy	±0.5°C
PAR	Measure Range	0~2500μmol·m ⁻² ·s ⁻¹
	Accuracy	<5μmol·m ⁻² ·s ⁻¹
RH(chamber humidity)	Measure Range	0~100%
	Accuracy	2%
Power Supply	110~220V, 50/60Hz	
Packing Size(W*D*H)	700*500*300mm	
Gross Weight	10kg	

Plant Nutrition Analyzer



Application:

The plant nutrient analyzer can perform non-destructive live detection of plants without affecting plant growth. It can measure leaf temperature, nitrogen content, relative chlorophyll content, and leaf humidity. Widely used in agricultural and forestry related scientific research units and universities to study plant physiology and guide agricultural production.

Features:

- * Through multi-point and multi-stage calibration technology, ensure the accuracy and reliability of each measurement.
- * The structure has multiple anti-interference layers that block external light and temperature, ensuring stable and accurate data acquisition.
- * It can display the average, highest, and lowest values of the last 30 sets of measurement data.
- * Through Bluetooth, it connects conveniently with a mobile app, enables real-time data synchronization, provides unlimited storage for measurement data
- * When the instrument has 20% battery left, a low battery reminder will be displayed.

Technical Parameters:

Model	PNA-4
Display	1.3-inch OLED display screen
Chlorophyll Measurement Range	0.0~99.9SPAD
Chlorophyll Measurement Accuracy	±1.0 SPAD (SPAD values range from 0 to 50 at room temperature)
Leaf Surface Temp. Measurement Range	0~50°C
Leaf Surface Temp. Measurement Accuracy	±2°C
Leaf Surface Humidity Measurement Range	10~80%
Leaf Surface Humidity Measurement Accuracy	±5%
Nitrogen Content Measurement Range	0.0~99.9mg/g
Nitrogen Content Measurement Accuracy	±5%
Measure Area	2*2mm
Maximum Measured Thickness	1.2mm
Sample Insertion Depth	Maximum 12mm
Measurement Time Interval	2 seconds
Data Transmission	Bluetooth
Power Supply	1.5V*2 dry batteries, capable of continuous measurement up to 5000 times
Data Storage Capacity	2000 pieces of data from the host can be synchronized to the instrument app for unlimited storage
External Size(W*D*H)	165*83*50.5mm
Package Size(W*D*H)	340*300*150mm
Net Weight	0.2kg
Gross Weight	2kg