

## 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, CO<sub>2</sub>, 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 <sub>2</sub>	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 <sup>-2</sup> ·s <sup>-1</sup>
	Accuracy	<5μmol·m <sup>-2</sup> ·s <sup>-1</sup>
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 simultaneously saves three parameters (chlorophyll, nitrogen content and leaf temperature).

Plant chlorophyll, nitrogen content and leaf temperature are important nutrients. They are an important basis for plant fertilization and irrigation.

### Features:

Rapid determination: Simultaneous determination of plant chlorophyll, nitrogen and leaf temperature.

It can save chlorophyll, nitrogen and leaf temperature data at the same time.

Non-destructive testing of plants is fast and does not affect plant growth.

Manual measurement mode.

Testing objects: nitrogen, chlorophyll, leaf temperature, and leaf humidity.

### Technical Parameters:

Model		PNA-4
Chlorophyll	Measure Range	0.0~99.9SPAD
	Accuracy	±1SPAD
Nitrogen	Measure Range	0.0~99.9mg/g
	Accuracy	±5%
Leaf Temperature	Measure Range	- 10~99.9°C
	Accuracy	±0.5°C
Leaf Humidity	Measure Range	0.0~99.9RH%
	Accuracy	± 0.5%
Power Supply		4.2V 2000mah Recharge Li - ion battery
Packing Size(W*D*H)		290*295*140mm
Gross Weight		1.5kg