

## Plant Photosynthesis Meter 3051C



### Characteristic and usage

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

### Features

- ◆ Special setting: advanced MCU, Lattice LCD widescreen display, menu display and cursor operation.
- ◆ 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

### Components

Host machine, handle, leaf chamber, Gas path pipes, Charger, SD card

### Technical parameters

Testing parameter	Measure range	accuracy
CO <sub>2</sub>	0-1500ppm	3%ppm
Leaf temperature	0-50℃	±0.5℃
Air Temperature	0-50℃	±0.5℃
PAR	0-2500μmolm <sup>-2</sup> •s <sup>-1</sup>	<5μmolm <sup>-2</sup> •s <sup>-1</sup>
RH(chamber humidity)	0-100%	2%

### Related Products

Plant Nutrient Analyzer/Chlorophyll Meter/Leaf Area Meter/Plant Respiration Mete