

PLANT PHYSIOLOGY INSTRUMENT

Plant Photosynthesis Meter

Model: 3051C

● Characteristics

- ▲ Use laptop to connect with CO₂ Meter and leaf chamber, and receive data from sensors.
- ▲ Can test photosynthesis rate, steaming rate, Stomata Conductance, and CO₂ density of Plans.
- ▲ The software will show the data in curve type, easy to operate.
- ▲ Power: Both AC and DC are available.
- ▲ Light weight, small volume, very portable.

● Components

Main controller, handle and leaf chamber



● Technical parameters

Testing parameter	Resolution	Measure range	Accuracy
CO ₂	0.1ppm	0-1000ppm	1%F.S
Relative humidity	0.1%	0-100%	2% F.S
Temperature	0.1°C	0-50°C	0.2°C
Illumination	1 uE	0-3000 uE	±10 uE
Power supply	Recharging source: voltage: 220V; recharging time: 12h, service time: at least 2h		
Working voltage of the instrument	6V, 4AH NI-MH battery		
Gas pipe length	1.2m		
Weight	2.5kg		

Plant Thickness Gauge

Model: YH-1

● Specifications

Thickness Gauge is used for testing leaf blade thickness

Measuring range: 0-6 mm

Resolution: 0.01 mm

Accuracy: 0.015 mm

Contact area: Φ10 mm

Reader: Pointer

