Portable Chlorophyll Meter

Application:

Chlorophyll Meter measures leaf chlorophyll content and temperature non-destructively. It assesses plant photosynthesis efficiency and health, aiding in plant growth understanding and cultivation improvement. It's used in agriculture and forestry for plant physiology studies and production guidance.

Features:

* Through multi-point and multi-stage calibration technology, ensure the accuracy and reliability of each measurement.
* Equipped with multiple layers of anti-interference design to block external light and temperature, ensuring stable and accurate data collection.
* Real time display of the average, highest, and lowest values of recent measurement data, ensuring that data changes are clear at a glance.
* Through Bluetooth wireless transmission, it realizes convenient connection with mobile APP, real-time data synchronization, unlimited storage of measurement data
* When the instrument has 20% battery left, a low battery reminder will be displayed.
* An exclusive chlorophyll application that provides convenient data viewing, analysis, and management functions, making it easy for users to view and export measurement results anytime, anywhere.

Technical Parameters:

Model	CM-B
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℃
Leaf Surface Temp. Measurement Accuracy	±2℃
Measure Area	2*2mm
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	1000 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

Plant Canopy Analyzer

Introduction:

Plant canopy analyzer is widely applied for farming production and agricultural research, canopy energy resource investigation, measure the light interception among plant canopy, and research the relation between plant growth and development, production quality and light utilization.

Features:

* Integration design, it includes LCD, operation buttons, SD card plug and measure probe.
* Menu operation is easy, small size and portable.
* Large store capacity. Convenient data management.
* Low power dissipation with reasonable power management with automatically shut down and restart action.
* Manual and auto measure method are available.

Technical Parameters:

Model	PCA-1000
Measuring Range	0~2700μmol ㎡/s
Resolution	1μmol ㎡/s
Response Time	10μs
Auto-Collecting Interval	1~99 min
Auto-Collecting Times	1~99 times
Store Capacity	2GB(SD card)
Meter Length	750mm
Probe Length	500mm
Qty of Sensors	25pcs(standard)
Power Supply	2*AA batteries
Working Temp	0~60℃
Working Humidity	100%RH
Package Size	810*210*160mm
Net/Gross Weight	2/3kg