Portable Chlorophyll Meter LD-LCPM-A11

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Overview

Chlorophyll Meter LD-LCPM-A11 can indicate the chlorophyll content by measuring just a 2 × 3 mm area of the leaf. It utilizes the optical density difference method for chlorophyll measurement. Two LEDs are fitted inside the meter that work as a light source for accurate analysis. Equipped with an LCD that shows a 4-digit measurement value. Our chlorophyll meter is a compact and handheld unit that is easy to carry for onsite analysis.

Features:

- Warning buzzer function
- A minimal setup process requires
- IPX-4 waterproof rating
- Reading detection feature
- Quick and easy analysis
- Low power consumption
- Stores up to 30 measurements

Applications:

Our Chlorophyll Meter is suitable for measuring the chlorophyll content of crop leaves to check crop quality and improve crop yield.

Specifications:

Data	30 sets
Sensor	Silicon photodiode
Weight	200 g
Display	LCD screen, 4 decimal places, trend chart
Accuracy	± 1.0 SPAD units
Light Source	2 LED elements
Power Supply	2 No. 5 batteries
Display Range	-9.9 to 199.9 SPAD units
Repeatability	± 0.3 SPAD units
Reproducibility	± 0.5 SPAD units
Measurement Area	2 × 3 m
Storage Humidity	0.85
Working Humidity	0.85

Temperature Drift	± 0.04 SPAD units/ ?
Measurement Method	Optical density difference at two wavelengths
Storage Temperature	-20 ? to 55 ?
Working Temperature	0 ? to 50 ?
Dimension (W× L × H)	78 × 164 × 49 mm
Sample Insertion Depth	12 mm
Maximum Sample Thickness	1.2 mm
Minimum Measurement Interval	2 seconds