

Chlorophyll Content Meter

CCM-200 plus



www.apogeeinstruments.com

435.792.4700

Assess plant health



- Measures relative chlorophyll content in intact leaves without damaging plant material
- Lightweight design facilitates hand-held measurements in the field
- Larger sampling area integrates a larger portion of leaf
- Stores over 100,000 data points, more than any other meter
- Integrates with GPS to mark location
- Meter calculates average of user-defined sample sizes to evaluate overall plant health

The CCM-200 plus Chlorophyll Content Meter measures chlorophyll content in intact samples without damaging your plant material. This data can be used to monitor environmental stress, evaluate the demand and efficacy of fertilizer treatments and optimize harvest schedules. The meter fully operates on its own (no P.C. required) and also has USB and RS-232 connectivity to download data to a computer.

SPECIFICATIONS

Measured Parameters: Ratio of optical transmission at 931 nm to optical transmission at 653 nm

Measurement Area: 71 mm² (9.5 mm diameter)

Resolution: ± 0.1 Chlorophyll Content Index (CCI) unit

Repeatability: ± 1 %

Sample Acquisition Time: < 3 seconds

Storage Capacity: 8 MB for up to 160,000 data measurements
94,000 data measurements with GPS data entries

User Interface: 50 mm by 15 mm graphic display screen
8 pushbuttons for control and data manipulation

Output: Mini USB port provided for main data transfer
RS-232 port can be used with GPS for integrated measurement

External GPS Option: RS-232 port (GPS location data is saved with each measurement)

Operating Environment: 0 to 50 C

Temperature Drift: Temperature compensated source and detector circuitry over full range

Power Requirement: Standard 9 V DC alkaline battery

Dimensions: 15.2 mm length, 8.2 cm width, 2.5 cm height

Mass: 210 g