



What is it?

atLEAF CHL PLUS is a powerful, handheld, easy to use device for noninvasively measuring the relative chlorophyll content of green leaf plants. Chlorophyll content can be an indicator of the plant's condition.

How it works?

Plant chlorophyll content is measured by inserting a leaf into the device aperture. Green leaves of up to 0.1 inch (3mm) thickness can be measured. It only takes one press of the key to perform a basic measurement.

By utilizing the four atLEAF CHL PLUS keys you can:

- assign species names to the measurements; device can store up to 490 names
- view up to 9,554 measurements stored in the device's memory
- delete the most recently performed measurement
- delete all measurements
- transfer plant names to the device or measurements to a computer using the USB mode
- display sensor temperature in °F and °C
- display time (*)
- perform and show average on selectable number of stored measurements
- modify multiplication factor and offset for measures (*) allowing e.g. device to output the measures in SPAD units
- each performed measure has associated device time and sensor temperature (*)

**Great Quality...
Low Price**

for

- The agronomist researcher
- The lab technician
- The agriculturist
- The floriculturist

Specifications

Measuring System	Optical density difference at 2 wavelengths (640nm and 940nm)
Keys	4 keys to operate all functions; simple, one-key operation to perform measurements only
Display	2 lines x 16 characters
Data Memory Capacity	<ul style="list-style-type: none"> • 9,554 measurements composed by value, name, temperature(*) and acquisition time(*) • 490 names up to 32 characters long (28 characters displayed)
Power Source	2 AA (1.5V) batteries
Battery Life	5,000-30,000 measures, depending on use and battery type
Time to perform a measure	Less than 1 sec
Dimensions (W x D x H)	164 x 78 x 49mm (6 1/2 x 3 x 2")
Weight	165g (5.8 oz)(not including batteries)
Interface	USB with software for Windows
Auto power off	after 1 minute of inactivity (4 minutes in USB mode)

MEASUREMENTS VALUES :	0 ... 99.9 atLEAF units
ACCURACY :	-0.6 ... +0.5 atLEAF units
REPEATABILITY ON A GREEN	50.2 ± 0.1 (std dev 0.054)



Content of the box:

- atLEAF CHL PLUS meter
- Two AA batteries
- USB cable
- Printed User Manual

**Buy it at
atleaf.com**

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(*) atLEAFsoft PRO sw is required to download temperatures and date/time

Each atLEAF CHL PLUS device is assembled, tested and calibrated in the United States.

