

PORTABLE LEAF AREA METER Model : GBB-LAM8



Characteristic

- Measurement function: it can measure the blade length, width, aspect ratio, perimeter, area, shape factor, shape factor, ambient temperature, etc.
- Bluetooth App functions: transfer data, upgrade hardware programs, and return longitude and latitude to the instrument.
- Data viewing: historical data and blade shape in the equipment memory can be browsed.
- Time function: the equipment has time and date functions, which can save the measurement time with the measurement data.
- Transmission function: Type-c data, charging interface for data transmission and charging, universal mobile phone cable, driver free.
- Power supply function: low voltage and low power consumption power supply, rechargeable lithium battery, continuous working time up to 16h, easy maintenance, safe and reliable.
- Portable function: the whole machine is highly integrated, easy to operate, and suitable for indoor and outdoor use.

Technical Parameter

Operation humidity	0%~100 %RH (Frost free)
Working Temperature	0~40 °C
LCD	480*854 RGB Chinese interface display
Battery	5AH, rechargeable lithium-ion battery, 16h endurance
Max scan length	3000 mm
Max effective scanning width	210 mm
Scanning speed	150mm/s

Sensor	Photosensitive sensor, magnetic rotary encoder	Battery	5AH, rechargeable lithium-ion battery, 16h endurance
Measure Parameter	Unit of measure : mm,mm ² Max scan length : 3000 mm	Working Temperature	0~40 °C
	Max effective scanning width : 210 mm Scanning speed : 150mm/s	Operation humidity	0%~100 %RH (Frost free)
	Accuracy of area measurement : $\leq \pm 2\%$ FULL	LCD	480*854 RGB Chinese interface display
	Length resolution : 0.1 mm Width resolution : 0.1 mm Max measured thickness : ≤ 6.5 mm	Interface	Type-C Data interface/charging interface
		Internal Memory	Interior storage: stored with 1000 groups of measurement data; Extended storage: 29G, large storage space
		Overall Dimensions	420*50*54 mm

#startupindia



Perfection in
Laboratory Science



*Design & specification are subject to change without any prior notice.
*OEM option available

GBB SCIENTIFIC INSTRUMENTS PVT. LTD.

Corporate / Correspondence Manufacturing Unit:
Plot:- 195, Pocket-B, Sector-1, DSIIIDC, Bawana Industrial Area,
New Delhi - 110039

Contact : +91-9419172418 WhatsApp: +91-9419172418

E-mail: info@gbbscientific.com Web : www.gbbscientific.com

Chlorophyll Meter (Plant Nutrition Analyzer) Model : GBB-CM4



Product description

Plant nutrient analyzer saves three parameters (chlorophyll, nitrogen content and leaf temperature) at the same time. Plant chlorophyll, nitrogen content and leaf temperature are important nutrition and .They're important basis for plant fertilization and irrigation. Use near infrared spectroscopy, test leaf chlorophyll, nitrogen and leaf temperature by near-infrared spectrum nondestructive testing. Can nondestructive test three plant nutrition and growth physiology information.

Characteristics

1. Be able to save chlorophyll, nitrogen and leaf temperature at the same time, easy to draw graph of plant nutrient, leaf temperature etc. Provide for plant precision irrigation and fertilization.
2. Nondestructive test plant quickly, not to effect plant growth.
3. Rapid determination: Test plant chlorophyll, nitrogen and leaf temperature at the same time.
4. Manual measurement pattern.
5. View past stored data, show three parameters at the same time.
6. The computer can transfer wired or wireless data so as to manage and analysis.
7. Easy to store data, directly show stored data. Show low power consumption.

Technical parameters

Testing objects: nitrogen, chlorophyll, leaf temperature,
and leaf humidity(-4N).

Testing range

Chlorophyll range: 0.0-99.9SPAD

Nitrogen range: 0.0-99.9mg/g

Leaf humidity: 0.0-99.9RH%

Leaf temperature:-10-99.9°C

Testing area: 2mm*2mm

Testing interval: less than 3sec

Stored data capacity: 999 groups

Power supply: 4.2V 2000mah Recharge Li-ion battery

Testing accuracy:

Chlorophyll accuracy: ± 1 SPAD

Nitrogen accuracy: $\pm 5\%$

Leaf humidity accuracy: $\pm 0.5\%$

Leaf temperature accuracy: $\pm 0.5^\circ\text{C}$

#startupindia



Perfection in
Laboratory Science



*Design & specification are subject to change without any prior notice.
*OEM option available

GBB SCIENTIFIC INSTRUMENTS PVT. LTD.

Corporate / Correspondence Manufacturing Unit:
Plot:- 195, Pocket-B, Sector-1, DSIIIDC, Bawana Industrial Area,
New Delhi - 110039

Contact : +91-9419172418 WhatsApp: +91-9419172418

E-mail: info@gbbscientific.com Web : www.gbbscientific.com