

PLA-30 植物光照分析仪 PLA-30 plant light analyzer

- 专为植物照明设计

波长范围: 350nm-800nm

PLA-30植物光照分析仪是一款专为植物光照精确测量分析而设计的专业测量设备。它集成高端智能配置，一键式操作，一步完成测量和分析，数据实时读取，广泛应用于植物生长中的光照分析、监控、研究和交流等。

Specially designed for plant lighting

Wavelength range: 350nm-800nm

PLA-30 plant light analyzer is a professional measuring equipment designed for precise measurement and analysis of plant light. It integrates high-end intelligent configuration, one click operation, one-step measurement and analysis, real-time data reading, and is widely used in light analysis, monitoring, research and communication in plant growth.



特点与优势 Characteristics and advantage**● 可测量参数:**

Measurable parameters:

- 相对光谱功率分布 $P(\lambda)$
Relative spectral power distribution $P(\lambda)$
- 照度 (E)
Illumination (E)
- 光合光子通量密度PPFD
Photosynthetic photon flux density PPFD
- 叶绿素A加权辐照度Ech-A
Chlorophyll A weighted irradiance Ech-A
- 叶绿素B加权辐照度Ech-B
Chlorophyll B weighted irradiance Ech-B
- 蓝-紫辐 (射) 照度EB
Blue purple irradiance EB
- 黄-绿辐 (射) 照度EY
Yellow green irradiance EY
- 红-橙辐 (射) 照度ER
Red orange irradiance ER
- 红蓝辐 (射) 照度比Erb_Ratio
Red blue irradiance ratio Erb_Ratio

● 功能强大、测量精度高

植物光照分析所有参数一机解决，通过上位机软件可实现更丰富的分析功能，例如分析光照的时间变化常数、分析补光需求、分析大棚的现场透光率等
采用远方多项专利技术，保证测试数据的准确性。

Powerful function and high measurement accuracy

All parameters of plant light analysis can be solved by one computer, and more abundant analysis functions can be realized through the upper computer software, such as analyzing the time change constant of light, analyzing the light supplement demand, analyzing the on-site light transmittance of the greenhouse, etc
Many remote patented technologies are adopted to ensure the accuracy of test data.

特点与优势 Characteristics and advantage**● 毫秒级超快智能测量**

光谱、植物光度、色度等毫秒级智能测量分析，快捷高效。

数据可以excel,jpg等多种格式输出

多语言操作系统

Millisecond class ultra fast intelligent measurement

Spectrum, plant luminosity, chroma and other millisecond level intelligent measurement and analysis are fast and efficient.

Data can be output in excel, jpg and other formats

Multilingual operating system

● 精致轻巧 界面直观 易读易用

Delicate and lightweight interface, intuitive, easy to read and use

**● 5.0寸超大显示屏一键式操作数据实时读取**

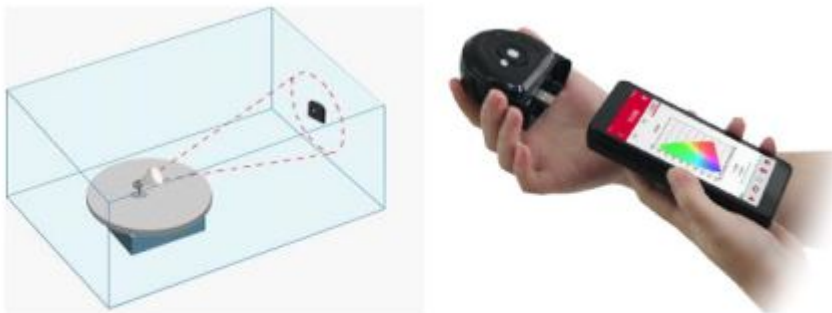
Real time reading of one key operation data of 5.0 inch large display screen

● 可拆卸式探头和无线传输技术使测量更灵活

探头能多角度、多场合灵活取样。

Removable probe and wireless transmission technology make measurement more flexible

The probe can sample flexibly at multiple angles and occasions.



技术参数 Specifications

型号	PLA-30
光谱范围	350nm ~ 800nm
波长准确度	0.5nm
照度测量范围	1lx ~ 200klx
供电方式	电源：锂离子可充电电池 AC 电源
存储容量	6G SD 卡 (内置)
通讯方式	主机-探头：USB 接口/BLUETOOTH 主机-PC：USB/WIFI
通讯接口	Type C
屏幕尺寸	5" LCD 触屏