

SP-20 植物光谱光合辐射度计 SP-20 Plant Spectral Photosynthetic Radiometer

- 全面、快速检测植物灯的相关参数，专业可靠
- SP-20是基于阵列光谱辐射计的光谱光合辐射度计，测试速度可达毫秒级；
- 完全满足DLC等标准相关技术要求。

Comprehensively and quickly detect relevant parameters of plant lamp, professional and reliable

SP-20 is a spectral photosynthetic radiometer based on array spectral radiometer, and the test speed can reach millisecond level;

Fully meet relevant technical requirements of DLC and other standards.



特点与优势 Characteristics and advantage**● 测试功能:**

Test function:

- 相对光谱功率分布 $P(\lambda)$
Relative spectral power distribution $P(\lambda)$
- 光量子数
Number of light quanta
- 光合辐射通量PPF
Photosynthetic radiation flux PPF
- 远红光光子通量
Far red photon flux
- 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
- 蓝-紫辐（射）通量
Blue violet radiant flux
- 黄-绿辐（射）通量
Yellow green radiant flux
- 红-橙辐（射）通量
Red orange radiant flux
- 红蓝辐（射）通量比等
Red blue radiant flux ratio, etc

技术参数 Specifications

| 型号 | SP-20 |
|-------|--------------------|
| 光谱范围 | 320nm-800nm |
| 波长准确度 | 0.3m |
| 积分时间 | 0.1ms-10s |
| 通讯接口 | USB 接口, 配备专用软件 |
| 供电 | AC 220V, 50Hz/60Hz |