

## PS-470 植物光合量子传感器 PS-470 plant photosynthetic quantum sensor

- PS-470植物光合量子传感器是一款测量范围广、体积小、功耗低、性能稳定的光量子传感器，专用于测量400nm~700nm波长范围内的自然光和人工光源的植物光合有效辐射（PAR），其特殊的防水设计，可在全天候条件下使用，广泛应用于农业气象、农作物生长和生态学的研究。

PS-470 plant photosynthetic quantum sensor is a light quantum sensor with wide measurement range, small size, low power consumption and stable performance. It is specially used to measure the plant photosynthetic effective radiation (PAR) of natural light and artificial light source within the wavelength range of 400nm~700nm. Its special waterproof design can be used under all-weather conditions, and is widely used in the research of agrometeorology, crop growth and ecology.



## 技术参数 Specifications

型号	PS-470
光谱响应范围	400nm ~ 700nm
探头外形尺寸	Φ30mm
接口类型	3.3V/UART 接口
测量范围	0 ~ 4000
测量精度	5%
测量重复性	0.5%
接收角度	180°

