

## TLS-1000 SWIR光谱可调均匀光源

### TLS-1000 SWIR Spectrum Adjustable Uniform Light Source

- 本产品光源输出光谱覆盖780-1650nm波段，专用于SWIR短波红外相机和图像传感器的测量校正，光源配置监测和照明智能调节软件，具备自反馈和自调节功能。光源设计以提供高稳定性、高精度和高均匀照明为初衷，达到测量校正更加智能和高效的目的，且光源体积紧凑，适用于研发实验室和QC品控检测等各类应用场合。

The output spectrum of the light source of this product covers 780-1650nm wave band, and is dedicated to the measurement and calibration of SWIR short wave infrared cameras and image sensors. The light source configuration monitoring and lighting intelligent adjustment software have self feedback and self adjustment functions. The light source is designed to provide high stability, high precision and high uniform illumination, so as to achieve the purpose of more intelligent and efficient measurement and correction. The light source is compact and suitable for various applications such as R&D laboratories and QC quality control testing.



**技术参数 Specifications**

- 1)光源输出波长范围：780-1650nm;  
1) Output wavelength range of light source: 780-1650nm;
- 2)波段可选：850nm, 940nm, 1050nm, 1200nm, 1300nm, 1550 nm可单独选择输出，具备可设置不同辐射强度的混光输出；  
2) Waveband options: 850nm, 940nm, 1050nm, 1200nm, 1300nm, 1550nm can be output independently, with mixed light output that can set different radiation intensities;
- 3)波长带宽：约50nm;  
3) Wavelength bandwidth: about 50nm;
- 4)光源至受照面距离：1.5m~2m;  
4) Distance from light source to illuminating surface: 1.5m~2m;
- 5)受照面辐射照度调节范围：5\*10-7W/m<sup>2</sup>~0.5W/m<sup>2</sup>。  
5) Adjustment range of radiation illuminance of the illuminated surface: 5 \* 10-7W/m<sup>2</sup>~0.5W/m<sup>2</sup>.