

VFF-200 VCSEL远场分布快速直测仪

VFF-200 VCSEL Fast Direct Measuring Instrument for Far Field Distribution

- 远方VFF-200 VCSEL远场分布快速直测仪专为VCSEL的远场分布快速直接测量而设计，可实现VCSEL的远场特性分析。仪器经过远方精密的光学设计，可实现远场FOV快速测量，测量范围H: 130° /V: 80° ，配备专用分析软件，可得到辐射亮度角度分布、峰值辐亮度、角度间隔等参数，并支持自定义分析，测量结果可溯源至中国国家计量院NIM与美国国家标准技术研究所NIST，满足产线测量速度与精度要求。

The remote VFF-200 VCSEL far field distribution fast direct measuring instrument is specially designed for fast and direct measurement of VCSEL far field distribution, which can realize the far field characteristic analysis of VCSEL. The instrument is designed with remote precision optics, which can realize fast measurement of far-field FOV. The measurement range is H: 130° /V: 80° . It is equipped with special analysis software, which can obtain the parameters such as radiance angle distribution, peak radiance, angle interval, etc., and support user-defined analysis. The measurement results can be traced to NIM of the National Institute of Metrology of China and NIST of the National Institute of Standards and Technology of the United States, meeting the requirements of production line measurement speed and accuracy.



技术参数 Specifications

- 1) 光谱范围: 400~1000nm
1) Spectrum range: 400~1000nm
- 2) 传感器: 800万像素
2) Sensor: 8 million pixels
- 3) 辐射测量精确度: 6%
3) Radiation measurement accuracy: 6%
- 4) FOV测量范围: H 130° /V 80°
4) FOV measuring range: H 130° /V 80°