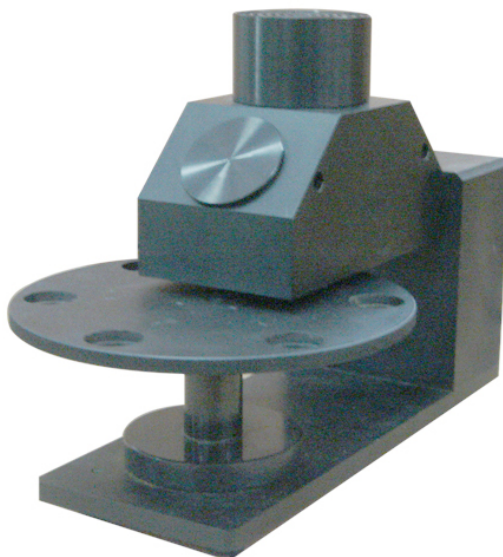


PE-5 LED荧光粉激发装置 PE-5 LED phosphor excitation device

- 与光谱分析系统配套使用，在进行荧光粉光色参数测量时用于激发荧光粉；
It is used together with the spectral analysis system to excite the phosphor when measuring its photochromic parameters;
- 模拟白光LED实际发光原理，采用460nm蓝光作为激发源，又可在荧光粉发光光谱中有效去除蓝光反射光谱的干扰；
Simulate the actual luminous principle of white LED, use 460nm blue light as the excitation source, and effectively remove the interference of blue light reflection spectrum in the phosphor luminous spectrum;
- 与专用软件配套可实现LED黄色YAG荧光粉的全真光谱分析和颜色测量；
The full true spectral analysis and color measurement of LED yellow YAG phosphor can be realized with special software;
- 激发波长：460nm；
Excitation wavelength: 460nm;
- 六工位粉盘设计，可快速换位测量。
Six station powder tray design, which can be quickly transposed for measurement.



技术参数 Specifications

- 0/45 CIE照明观察条件；激发光源中心波长 $\lambda_0=460\text{nm}$ （或根据需要定制）；
0/45 CIE lighting observation conditions; Central wavelength of excitation light source $\lambda_0=460\text{nm}$ (or customized as required);
- 激发源稳定度：0.1%（内置高稳定电源，外部供电 $220\text{V}\pm 10\%$ ，50Hz/60Hz）；
Stability of excitation source: 0.1% (built-in high stability power supply, external power supply $220\text{V} \pm 10\%$, 50Hz/60Hz);
- 激发源带宽： $\leq 12\text{nm}$ ；
Excitation source bandwidth: $\leq 12\text{nm}$;
- 激发测量条件：CIE 0/45；
Excitation measurement conditions: CIE 0/45;
- 粉盘：内径 $\Phi 20\text{mm}$ ，边缘 $\leq 0.5\text{mm}$ ，深 3mm （可供非标粉盘），不锈钢；
Powder tray: inner diameter $\Phi 20\text{mm}$, edge $\leq 0.5\text{mm}$, depth 3mm (non-standard powder tray is available), stainless steel;
- 蓝光解除度： $<1\%$
Blue light release: $<1\%$