

ISD-5-VISNIR

<https://www.gigahertz-optik.com/zh-cn/product/isd-5-visnir/>

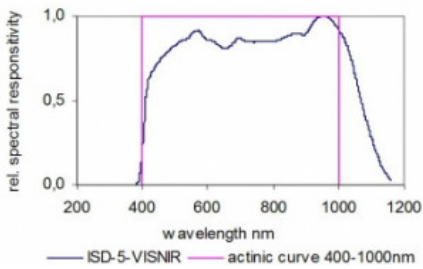
产品标签: VIS/愿景, NIR/近红外



描述

Compact Integrating Sphere Detector

The ISD-5-VISNIR integrating sphere detector employs a 50 mm / 2 inch diameter Barium Sulfate (ODP97) coated integrating sphere with 12.7 mm / 0.5 inch diameter measurement port and a (400-1100) nm radiometric detector.



Diffuser Window

The sphere mounted photometric sensor is equipped with a diffuser so that the detector integrates reflected light from almost the complete integrating sphere surface. This greatly reduces hot spot effects caused by the first reflection of the light.

Typical Spectral Responsivity

Baffle

The sensor is positioned close to the measurement port to produce a large acceptance angle within the sphere without direct irradiation of the detector.

Traceable calibration

Calibration of radiant power responsivity in W is performed at Gigahertz-Optik’s Calibration Laboratory for Optical Radiation Quantities.

规格

校准		
校准	Calibration of integral radiant power responsivity in A/W	
规格		
光谱响应性	400 nm - 1100 nm radiometric	
典型响应性	1.14 mA/W	
最大。辐射功率(峰值)	Power 800 mW 160 mW	Current 1 mA 200 μA
最大。辐射功率（CW）	may be limited by max. operation temperature	
最大信号电流	1 mA	
输入光学元件	12.7 mm Ø	
球体直径	50 mm	
涂层	BaSO ₄	

杂项	
安装	M6 threaded hole
连接器	coaxial cable 2 m Long, with BNC (-1), calibration data (-2) or ITT (-4) connector
温度范围	(5 - 40) °C

可配置的有

产品名称	产品图片	描述	转到产品
P-9710		High-End Optometer for Measurement of CW-, Single Pulse and Modulated Radiation	https://www.gigahertz-optik.com/zh-cn/product/p-9710/
X9-4		Broadband light meter for for luminous flux and radiant power. Features: Mobile light meter. Integrating sphere detectors with photometric or radiometric 400-1000nm responsivity. Integrating spheres with 50mm dia. For use with polychromatic radiation sources.	https://www.gigahertz-optik.com/zh-cn/product/x9sub4sub/

采购信息

文章编号	モデル	描述
产品		
15298315	ISD-5-VISNIR-1	Detector head with -1 connector, calibration certificate
15298316	ISD-5-VISNIR-2	Detector head with -2 connector, calibration certificate
102841-4	ISD-5-VISNIR-4	Detector head with -4 connector, calibration certificate
重新标定		
15300248	K-ISD5VISNIR-I	Re-calibration of integral luminous flux responsivity in A/lm with calibration certificate
15300580	K-Si-SR	Re-calibration of the relative spectral responsivity

联系、校准、服务和支持/Contact, Calibration, Service & Support

我们以出色的技术咨询和售后支持而闻名于世。请与我们联系，共同寻找适合您的最佳解决方案。我们的服务。

- 技术咨询和销售
- 售后支持
- 校准和重新校准（[ISO/IEC 17025校准服务](#)，工厂校准，[第三方产品的校准](#)）。
- 维修和更新
- 定制解决方案的OEM和可行性咨询

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（*为必填项）或通过电话或电子邮件与我们联系。我们也欢迎你的反馈或在谷歌上评论我们。 [Google](#)

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