

ISS-5P-SR-FS

<https://www.gigahertz-optik.com/en-us/product/iss-5p-sr-fs>

Product tags: VIS , NIR



Description

Spectral radiance calibration Standard lamp for fluorescence spectrometer.

Compact design

Integrating sphere light source with a homogeneous entrance port of 20 mm. The spehre itself is based on a synthetic ODM98 coating with excellent long-term stability. As a light source a LH-5-UV-Quartz halogen lamp is used.

Traceable calibration

The calibration of the device is in spectral radiance in a range of 380 nm to 1700 nm. Included is as well a calibration certificate which shows the traceable calibration chain back to a national metrology institute.

Option


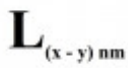


For operation an optional quality current regulated power supply of the [product_link]310[/product_link] can be used.



Specifications

| General | |
|----------------------|---|
| Short description | Spectral radiance calibration Standard lamp for fluorescence spectrometer. |
| Main features | Compact design. Homogeneous entrance port of 20 mm. ODM98 coating with excellent long-term stability. LH-5-UV-Quartz halogen light source. |
| Measurement range | 380 nm to 1700 nm |
| typical applications | Spectral radiance calibration Standard lamp for fluorescence spectrometer |
| Calibration | Calibration of the spectral radiance (380 nm to 1700 nm). Calibration certificate with description of the calibration procedure, reference standards applied, traceability and calibration uncertainty. |
| Product | |
| Illuminated field | 20 mm |
| Coating | ODM98 |
| Specification | |
| Light Output Port | 20 mm |

Configurable with

| Product Name | Product Image | Description | Show product |
|---------------|---|---|---|
| P-9710-4 |  | High quality optometer for pulse-energy measurements of short pulses in photometric, radiometric and LASER application Features: pulse energy measurement with external Trigger input, CW, dose, simple and safe detector exchange, battery, main power, RS232 | https://www.gigahertz-optik.com/en-us/product/p-9710-4 |
| KLW-S3 |  | Calibration of the spectral radiance. Features: Factory calibration | https://www.gigahertz-optik.com/en-us/product/klw-s3 |
| KLW-R3 |  | Calibration of the radiance. Features: Factory calibration | https://www.gigahertz-optik.com/en-us/product/klw-r3 |
| P-9710 |  | High-quality device for measurement of CW-, single pulse and modulated radiation. Features: Optometer for all detector heads with calibration data plug. Measurement modes: CW, pulse energy, dose, peak-to-peak, effective luminous intensity (Blondel-Rey), data logger, battery, main power, RS232 | https://www.gigahertz-optik.com/en-us/product/p-9710 |
| ED-ISS-100-MD | | Control electronic for integrating sphere sources. Features: Precise 16D/A power supply for lamps up to 100W. Optometer for intensity or RGB monitor detectors. 19" bench top housing. | https://www.gigahertz-optik.com/en-us/product/ed-iss-100-md |

Purchasing information

| Article-Nr | Modell | Description |
|----------------|--------------|---|
| Product | | |
| 15298481 | ISD-5P-SR-FS | Consists of integrating sphere, halogen lamp and calibration certificate. |