

# 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 sphere 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
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## 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	<a href="https://www.gigahertz-optik.com/en-us/product/p-9710-4">https://www.gigahertz-optik.com/en-us/product/p-9710-4</a>
KLW-S3	$L_{(x-y) \text{ nm}}$	Calibration of the spectral radiance. Features: Factory calibration	<a href="https://www.gigahertz-optik.com/en-us/product/klw-s3">https://www.gigahertz-optik.com/en-us/product/klw-s3</a>
KLW-R3	$L_e$	Calibration of the radiance. Features: Factory calibration	<a href="https://www.gigahertz-optik.com/en-us/product/klw-r3">https://www.gigahertz-optik.com/en-us/product/klw-r3</a>
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	<a href="https://www.gigahertz-optik.com/en-us/product/p-9710">https://www.gigahertz-optik.com/en-us/product/p-9710</a>
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.	<a href="https://www.gigahertz-optik.com/en-us/product/ed-iss-100-md">https://www.gigahertz-optik.com/en-us/product/ed-iss-100-md</a>

## Purchasing information

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