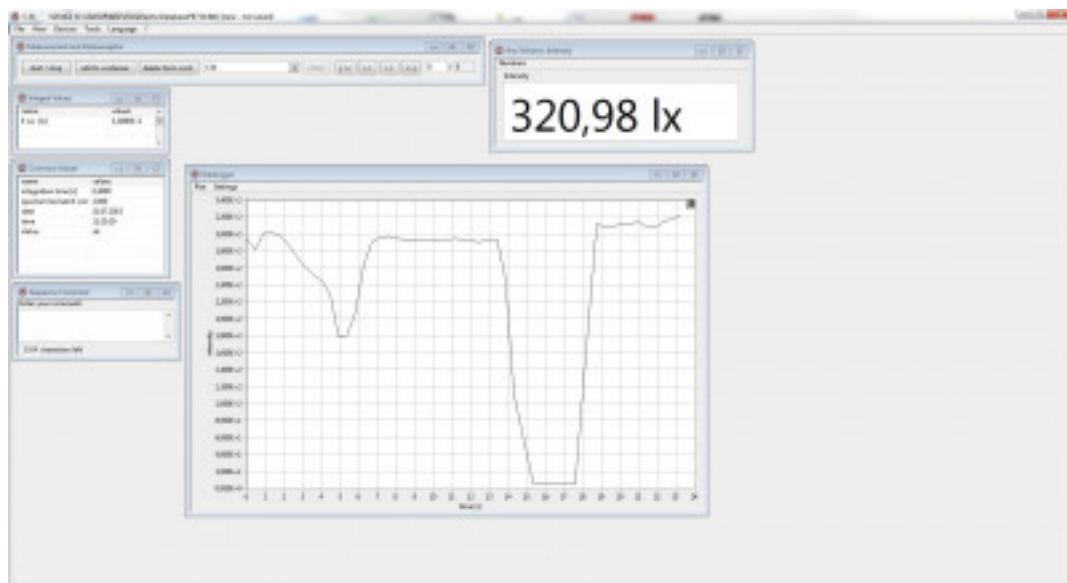


S-X1

<https://www.gigahertz-optik.com/en-us/product/s-x1/>

Product tags:



Description

The software allows the full control of the device settings like measurement time, measurement settings, mathematical corrections, evaluations, etc.

Several numerical and graphical displays

The S-X1 software contains several numerical and graphical displays for visualization of your measured data. These displays are user selected from the view menu and can be positioned anywhere within the application window. Each individual display arrangement can be stored and reloaded. Furthermore two different color schemes are offered, normal and dark room mode with darker background to prevent stray light from the display from reach the detector.

Numerical windows:

- intensity values
- comment/status
- measurement settings
- GBD angles
- etc.

Graphic windows:

- datalogger
- polar plot (2D) by goniometric measurements
- polar plot (3D) by goniometric measurements
- etc.

External devices

In addition external devices like power supplies or goniometers can be controled with the S-X1.

Data Export to common file formats Data can be exported in different formats (IES, Eulumdat, ASCII, Microsoft Excel)

IES format (only with goniometer): IES stands for Illuminating Engineering Society. IES standard file format was created for the electronic transfer of photometric data. It has been widely used by many lighting manufacturers and is one of the industry standards in photometric data distribution.

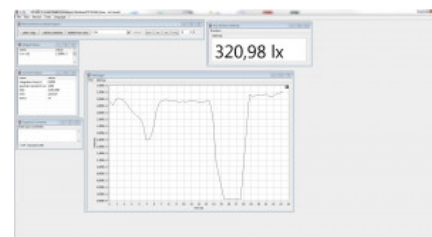
EULUMDAT format (only with goniometer): EULUMDAT is a format for electronic transfer of photometric data. The typical file extension is "*.ldt". The format was created 1990 and is a de facto standard in European industry.

Database

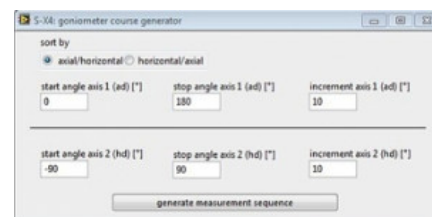
The S-X1 is based on a database architecture, this allows the handling of a large number of measurements. Furthermore datasets can be easily saved, loaded and exported.

Report Generation

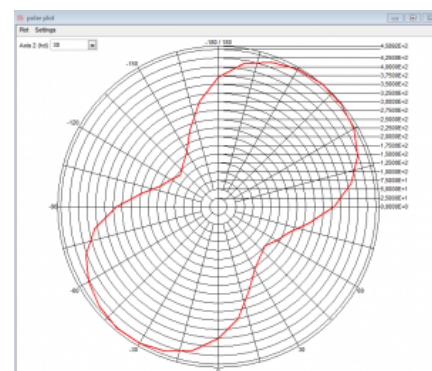
Based on the database an export of measurement data to an Microsoft Word file is provided. The data which is exported is customizable by the



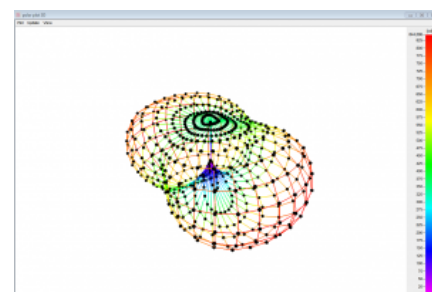
S X1



S X4



Polar Plot



3D plot view

user.

Specifications

General

System requirements

- Minimum HDD space: 300MB, more space is needed when performing large measurement sequences
- Minimum RAM required: 2 GB , recommended 4 GB or more
- Processor: recommended 2 GHz or more
- Operating System: Windows 11, Windows 10 32-bit, Windows 10 64-bit, Windows 7 32-bit, Windows 7 64-bit
- minimum monitor resolution: 800 x 600 pixel, recommended 1600 x 900 pixel or more
- communication: USB-port or RS-232 (depends on device)

Configurable with

Product Name	Product Image	Description	Go to product
X1		Four-Channel USB Optometer, Respectively Current Amplifier, Designed for Photometric and Radiometric Detectors for Mobile-Use	https://www.gigahertz-optik.com/en-us/product/x1/
X1-RM		Optometer in 3HE Housing for use in 19" Racks	https://www.gigahertz-optik.com/en-us/product/x1-rm/
X1-PCBCL		Optometer respectively Current Amplifier Module with 4 Input Channels and 7 Gain Ranges	https://www.gigahertz-optik.com/en-us/product/x1-pcbcl/
X1-PCBCL		Optometer module with 4 channels based on X1 technologie	https://www.gigahertz-optik.com/en-us/product/x1-pcbc/
HCT-99D		Mobile light meter for illuminance and light color measurement. Features: Measurement of the illuminance E in lx, the x,y and u/v color coordinates, color temperature and Δuv, USB interface, option: luminance measurement with adapter.	https://www.gigahertz-optik.com/en-us/product/hct-99d/
X1-3		Optometer for the measurement of UV and Blue-light hazard of artificial radiation source.	https://www.gigahertz-optik.com/en-us/product/x1-3/

Product Name	Product Image	Description	Go to product
X1-4		Broadband radiometer for radiation protection measurements of UV radiation devices	https://www.gigahertz-optik.com/en-us/product/x14/
X1-RCH-116 LED UV Curing Meter		UV Curing Radiometer for high intensity LED (UV-A and Blue) irradiation in UV curing processes	https://www.gigahertz-optik.com/en-us/product/x1-1-rch-116-4/
X1-RCH-108 UV Curing Meter		UV Curing Radiometer for medium-pressure lamps in UV curing processes	https://www.gigahertz-optik.com/en-us/product/x1-1-rch-108/
X1-UV-3726		UV radiometer for UV-C LEDs and low-pressure Hg germicidal lamps	https://www.gigahertz-optik.com/en-us/product/x1-1-uv-3726/
X1-UV-3727		UV radiometer for 222 nm Excimer, UC-C LEDs and germicidal lamps	https://www.gigahertz-optik.com/en-us/product/x1-1-uv-3727/
X1-UV-3718		UV radiometer for germicidal UV-C 254nm mercury lamps	https://www.gigahertz-optik.com/en-us/product/x1-1-uv-3718/
X1-UV-3725		UVC Radiometer for Low Pressure Mercury Lamps	https://www.gigahertz-optik.com/en-us/product/x1-1-uv-3725/

Purchasing information

Article-Nr	Modell	Description
Software		
15298167	S-X1	User software for X1 and variants.

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We are known worldwide for excellent technical consulting and after sales support. Contact us to find together the best solution for you. Our services:

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- Calibrations & Re-Calibrations ([ISO/IEC 17025 Calibration Services](#), [factory calibration](#), [Calibration of Third-Party Products](#))
- Repairs & Updates
- OEM & Feasibility Consulting of Customized Solutions

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