

UMLA-SHAP-E14

<https://www.gigahertz-optik.de/en-us/product/UMLA-SHAP-E14>

Product tags:



Description

Modular integrating sphere concept

The modular integrating sphere concept from Gigahertz-Optik offers a high flexibility level when it comes to individual configuration of integrating spheres. In addition to the various components such as port frames, baffles and sockets that can be directly mounted onto the integrating sphere, numerous port adapters with different functions are offered.

Precision test socket with a 4-pole holder

Test sockets are used for fixation and operation of lamps with standard lamp sockets. Precision test sockets have a 4-pole holder. This makes it possible to have two separate circuits, one for lamp supply and the other for measurement direct on the socket. In this method, the voltage measurement is free from voltage drops in the supply line and in the socket, which would be inevitable if measurement was performed in the supply circuit.

Precision test socket for E27 lamps

The UMLA-SHAP-E14 precision test socket has a 4-pole holder that enables precision voltage measurement on the E14 lamp socket. The test socket is attached on a pole for mounting in SHAP holders. .

More complementary products

Gigahertz-Optik offers a wide range of port adapters, light sources, radiation detectors and light meters which can be combined for various applications.







Specifications



Specification	
UMLA-SHAP-E14-IS100	Precision test socket for UMSH-AP-1000 and UMSH-STEX
UMLA-SHAP-E14-IS50	Precision test socket for UMSH-AP-500
Connector	2-supply lines, 2-measurement lines
Coating	White powder coating
Dimensions	see download section

Downloads

Type	Description	File-Type	Download
Datasheet	Dimensions UMLA-SHAP-E14-IS50	pdf	https://www.gigahertz-optik.de/assets/Uploads/umla-shape14-is-50.pdf
Datasheet	Dimensions UMLA-SHAP-E14-IS100	pdf	https://www.gigahertz-optik.de/assets/Uploads/umla-shape14-is-100.pdf

Configurable with

Produktname	Product Image	Description	Show product
ISD-50HF-BTS256-LED		<p>System for the luminous flux measurement of 4π (optional 2π and 4π) light fixtures inside a sphere.</p> <p>Features: Integrating sphere with 50cm hemispherical shell for opening and closing and auxiliary lamps. Light meter with Bi-Technology sensor for accurate measurement of luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, etc.</p>	https://www.gigahertz-optik.de/en-us/product/ISD-50HF-BTS256-LED
UMTB-500-HF		<p>Preconfigured hollow sphere of the UM series modular construction integrating spheres.</p> <p>Features: detector applications for 2π and 4π sources. A hemisphere to open. 20 in / 500 mm dia sphere with bench stand. 97% barium sulfate coating.</p>	https://www.gigahertz-optik.de/en-us/product/UMTB-500-HF
ISD-100HFT-BTS256-LED		<p>System for the luminous flux measurement of 2π and 4π light fixtures.</p> <p>Features: Turnable Integrating sphere with a 1000 mm diameter, extra measurement ports for 2π luminaires with diameters of up to 254mm and auxiliary lamp. Light meter for accurate measurement of luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, User software, etc.</p>	https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-100HFT-V01
ISD-100HFT-BTS2048-VL		<p>System for the luminous flux and light color measurement of individual 2π and 4π light light sources.</p> <p>Features: Turnable Integrating sphere with 100cm diameter, auxiliary lamp and a hemispherical shell for opening and closing, compact spectral light meter with Bi-Tec sensor for accurate measurement of the luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, etc.</p>	https://www.gigahertz-optik.de/en-us/product/BTS2048-VL-ISD-100HFT-V03
UMTB-1000-HFT		<p>Sphere for the luminous flux measurement of 2π and 4π light fixtures inside a sphere.</p> <p>Features: Turnable Integrating sphere with a 1000 mm diameter, extra measurement ports for 2π luminaires with diameters of up to 254mm and auxiliary lamp.</p>	https://www.gigahertz-optik.de/en-us/product/UMTB-1000-HFT
ISD-100HF-BTS256-LED		<p>System for the luminous flux measurement of 2π and 4π light fixtures inside a sphere.</p> <p>Features: Integrating sphere with a 1000 mm diameter, hemispherical shell for opening and closing, auxiliary lamp. Light meter for accurate measurement of luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, User software, etc. Options: quadripole test sockets.</p>	https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-100HF-V01

Produktname	Product Image	Description	Show product
ISD-100HF-V02-BTS256-LED		<p>System for the luminous flux measurement of 2π and 4π light fixtures inside a sphere.</p> <p>Features: Integrating sphere with a 1000 mm diameter, extra measurement ports for 2π luminaires with diameters of up to 254mm and auxiliary lamp. Light meter for accurate measurement of luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, User software, etc.</p>	https://www.gigahertz-optik.de/en-us/product/BTS256-LED-ISD-100HF-V02
ISD-100HF-BTS2048-VL		<p>System for the luminous flux and light color measurement of individual 2π and 4π light sources including the measurement of temporal light artefacts (TLA) and flicker according to IES and CIE</p> <p>Features: Integrating sphere with 100cm diameter, auxiliary lamp and a hemispherical shell for opening and closing, compact spectral light meter with Bi-Tec sensor for accurate measurement of the luminous flux, spectral radiant power, CCT, CRI, chromaticity coordinates, etc.</p>	https://www.gigahertz-optik.de/en-us/product/BTS2048-VL-ISD-100HF-V06

Purchasing information

Article-Nr	Modell	Description
Product		
15298184	UMLA-SHAP-E14-IS100	Precision test socket for 1000mm spheres.
15298178	UMLA-SHAP-E14-IS50	Precision test socket for 500mm spheres.