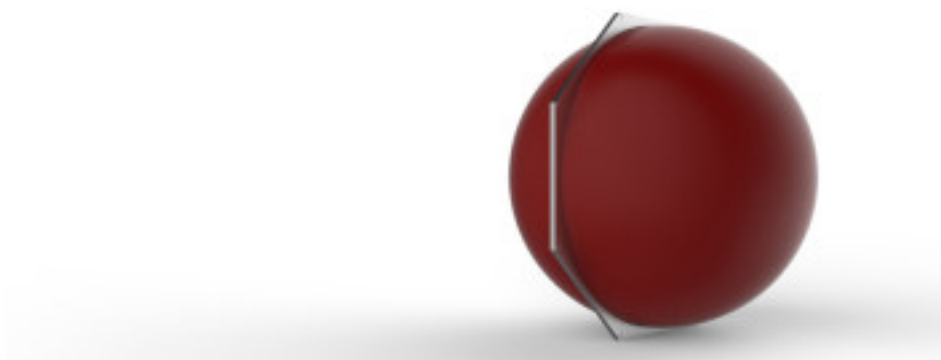


UMTB-1000

<https://www.gigahertz-optik.com/es-es/producto/umtb-1000/>

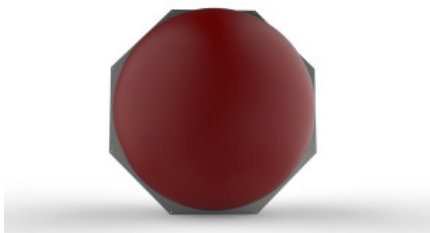
Etiquetas del producto:



Descripción

Modular integrating sphere concept

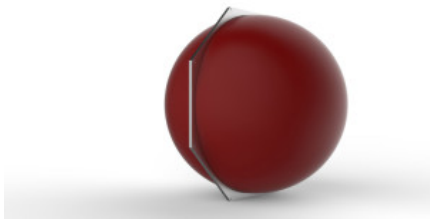
The modular integrating sphere concept from Gigahertz-Optik offers a high flexibility level when it comes to individual configuration of integrating spheres. In addition to the various components such as port frames, baffles and sockets that can be directly mounted onto the integrating sphere, numerous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



UMTB-1000

Base sphere with 1000mm / 40 inch diameter

The starting point of every individually configured integrating sphere is a base sphere. The UMTB-1000 base sphere has a 1000mm (40 inches) internal diameter. The anterior half of the sphere can be opened.



UMTB-1000

Reflective coating made of barium sulfate

The UMTB-1000 is coated with a diffusely reflective coating made of barium sulfate. Gigahertz-Optik uses its self-manufactured ODP97 color for the coating. The multilayer coating guarantees excellent diffuse reflective properties over the entire usable spectral range.

Sphere ports with port frames

Sphere ports are usually designed with a port frame onto which the accessories can be mounted. Port frames with free ports having diameters ranging from 12.5 to 254mm are hereby offered for the UMTB-1000.

Baffles

Baffles are placed between sphere openings or in front of detectors and light sources to prevent direct illumination. Different baffle designs and sizes are available.

Complementary products

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

Especificaciones

Especificación	
Diámetro de la esfera	1000 mm / 40 inches

Recubrimiento	ODP97
Marco	Octagonal frame with fastening bores
Marcos de puertos hasta el tamaño	UMPF-10.0
Apertura máxima	254 mm
Apertura máxima	600 mm (UMMP)
Dimensiones	see download section

Descargas

Tipo	Descripción	Tipo de archivo	Descargar
Datasheet	Dimensions UMTB-1000		

Configurable con

Nombre del producto	Imagen del producto	Descripción	Ir al producto
UMPF		Port frames for the hollow spheres of the UM series modular construction integrating spheres. Features: Different diameters. Frame with V-groove for accessory mount.	https://www.gigahertz-optik.com/es-es/producto/umpf/
UMMP ports		Ports for the hollow spheres of the UM series modular construction integrating spheres. Features: Ports without port frames for small wall thickness.	https://www.gigahertz-optik.com/es-es/producto/ummp/
UMPB		Detector baffle for the hollow spheres of the UM series modular construction integrating spheres. Features: Shading of ports to ports, ports to light sources, ports to detectors etc. Barium sulfate or synthetical coating.	https://www.gigahertz-optik.com/es-es/producto/umpb/
UMPF-LSOK30		Port frame for use with the lamp LS-OK30. Features: Optional diffuse window for use between LS-OK30 and the sphere.	https://www.gigahertz-optik.com/es-es/producto/umpf-lsok30/

Información de compra

Número de artículo	Modelo	Descripción
Producto		
15297904	Integrating sphere	with auxiliarry frame

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