

# Diffuse Reflectance Standard

## SIM-6304 Series

Diffuse Reflectance Standard is widely used and can be combined with a spectrometer and a light source to form a system for measuring the reflectance of various samples. It is suitable for measuring the reflectance of various samples, such as the surface reflectance of rough samples, ceramics, matte glass, plastics, etc.

SIM-6304 Diffuse Reflectance Standard is made of PTFE, and its surface is Lambert diffuse reflectance surface, the reflected light in any direction, all obey the law of cosine. The housing material is anodized aluminum, which is water resistant and stable, and it can be used in deep UV applications without problems. Diffuse reflectance standard is mainly used for optical calibration measurement, such as light source, color, spectral analysis, etc. It is one of the important accessories of optical integrating sphere.

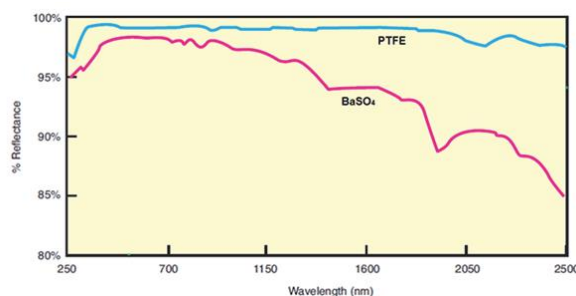
The diameter of the reflective surface of the whiteboard can be selected from  $\Phi 20\text{mm}$  to  $100\text{mm}$ . The reflective material is encapsulated in a small box and is protected by a threaded cover.



## Specifications

Model	SIM-6304-20	SIM-6304-30	SIM-6304-60	SIM-6304-100
Material	PTFE Teflon			
Shell Material	Metal aluminum case			
Thickness	17mm			20mm
Wavelength Range	350-2000nm			
Reflectivity	97%			
Inner Diameter	20mm	30mm	60mm	100mm

## Material reflectivity



Reflectance of PTFE