Mirror Reflectance Standard

SIM-6326

Specifications

Model	SIM-6326-30
Wavelength Range	200-2500 nm
Reflectance	250-800 nm, ~80%-90%; 800-2500 nm, ~85%-98%
Outer Space	Mirrored fused silica substrate, UV-reinforced aluminum film; high stability shell aluminum material; anodized aluminum shell and screwed over for protection.
Diameter	Internal diameter 30 mm, outer diameter 40 mm
Weight	33.5g

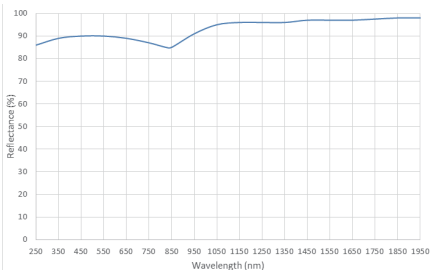
Features

- High reflectivity surface
- ~85% - 90% reflectivity at 250 - 800nm; ~85% - 98% reflectivity at 800-2500nm

Applications

Measure the reflectance of materials such as lenses, photographic substrates, light coatings, machined metals and semiconductor materials, or other objects with surfaces having high specular reflectance values for reference.

Reflectivity



Precautions

This Mirror Reflectance Standarde can be used when setting a high reflectance reference. The surface of the standard is protected by a layer of fused silica coating, and care must be taken to ensure that the surface of the standard is not damaged. Do not touch the surface with your hands or objects to avoid contamination and damage. When cleaning the surface, it is recommended to blow off the dirt and dust from the surface with high pressure gas, and then remove fingerprints and fixed residues from the surface with the traction cleaning method. Traction cleaning method is to use the lens paper with acetone or alcohol slowly pulled across the surface of the lens. Then drag it unidirectionally on the mirror surface, and let it dry naturally afterwards. Usually does not require wiping. After the solvent evaporates evenly, it will not leave any tailing or stains on the surface of the lens.

Protective film on the mirror surface

The aluminum mirror surface is specularly reflective, and the fused silica coating on the mirror surface prevents oxidation of the aluminum mirror surface.