

# R400-7 Reflectance Probe for UV-VIS-NIR



- **190 nm-2200nm Spectral Range-** effective for color of solids and reflectance measurements
- **UV-Vis or Vis-NIR-** probes to match the range of use
- **Simple to use Design-** easy to attach light source and spectrometer via integrated 400um fiber optic cable
- **Consistent Measurements-** using the RPH1 reflectance probe holder, users can get reproducible results time after time.

- **The Reflectance Probe** has 6 illuminating fibers and 1 read fiber bundled together. As an option, the 2R probe has 5 illuminating fibers and 2 read fibers.
- **The RPH1 Reflectance Probe Holder** sets the probe at a 45 degree angle and a set distance from the sample.
- **Typical applications** include color CIELAB measurements of solid samples configured for diffuse reflectance using the RPH1.
- **The RS50** is a 50mm diameter white reflectance standard made of Halon. It is used to take reference measurements using the R400 Reflectance Probe. The white standard will reflect >97% of the light from 300-1700nm.



## Fiber Optic Probe Accessories

Item	Description	Price
R400-7-UVVIS	Reflectance Probe for UV and Visible	\$495
R400-7-VISNIR	Reflectance Probe for Visible and Near IR	\$395
R400-7-2R-UVSR	Reflectance Probe with 2 read fibers	\$550
R400-7-2R-VIS	Reflectance Probe with 2 VIS read fibers	\$495
RPH1	Reflectance Probe Holder	\$65
RS50	White Reflectance Standard	\$125

## Specifications

Weight	0.22 pounds (100g)	Probe Tip Material	Stainless Steel
Size (Probe)	3.5" length 0.25" O.D.	Number of Fibers	7: 1 or 2 read fibers in bundle
Spectral range	190 – 2200nm	Connector	2 x SMA 905