

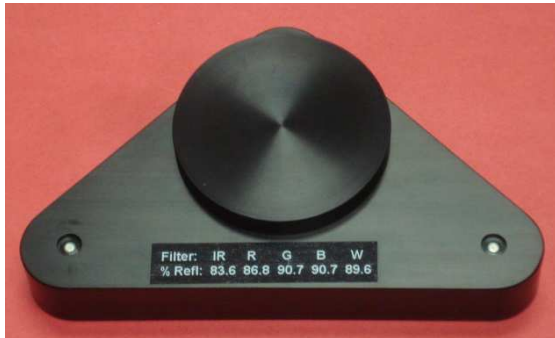
## Devices & Services Company

2835 Virgo Lane - Dallas, Texas 75229 USA - Tel. 972-241-3117 - Fax 972-241-3913

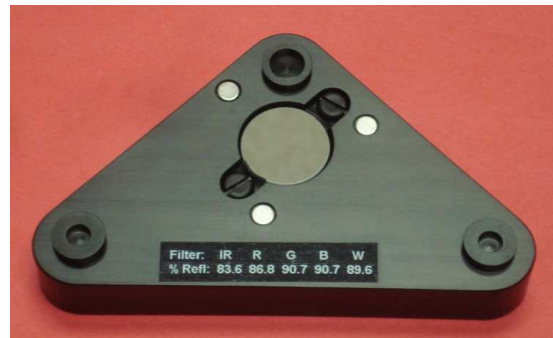
Web: [www.devicesandservices.com](http://www.devicesandservices.com) - Email: [sales@devicesandservices.com](mailto:sales@devicesandservices.com)

### EXTERNAL PRECISION REFERENCE MODEL 15R-EPS

The model 15R-USB and 15R-RGB can be configured with 4.6 and 7 mrad (full angle) receiving apertures. For these apertures a precision external reference mirror is required for calibration. The reference mirror must be optically flat and very highly specular so that essentially all of the reflected energy falls within the 4.6 mrad acceptance angle. The second surface mirror supplied as a reference standard with the instrument does not meet this requirement. The 15R-EPS External Precision Reference is available for these rigorous measurements.



Precision reference mirror with protective cover in place.



Precision reference mirror with calibrated reflectance values for the 15R-RGB with spacers installed.

When making routine measurements of second surface reflectors using the external precision reference, the realignment required between calibration and measurement will be time consuming. To reduce the amount of realignment required, spacers can be provided for the reference mirror.

