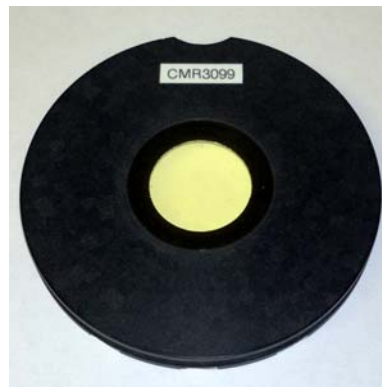


Addendum to CQXE/USVIS/USPRO User's Manual

Description

This CMR incorporates a 460-nm UV cut-off filter into a standard LAV port for CQXE/USVIS/USPRO to allow UV optically brightened materials to be measured in the 460-nm UV excluded mode.

It will be noted that the 460-nm cut-off removes part of the blue spectrum resulting in a distinct yellow hue to the filter.



Installation

Standardize with the regular port (no filter) in place, then install this CMR3099 460-nm UV Cut off Filter Port for sample measurements.

Operation

Standardize the instrument with the regular open port in place. While you can standardize in the RSIN (Reflectance Specular Included) mode, the RSEX (Reflectance Specular Excluded) mode is preferred as the specular shine off the filter window is excluded in the RSEX mode

Snap in this CMR3099 460-nm UV Cut off Filter Port for sample measurements.

Take sample measurements with this CMR port in place that reflects the base color of the UV optically brightened material.

The 460-nm cut-off is rather high in the spectrum for most UV optically brightened materials such as coatings, paper or textiles. There is a case for plastics where the UV absorbance is near 400 and the emittance is above 460-nm. This filter would help make base color brightness measurements in this situation.

