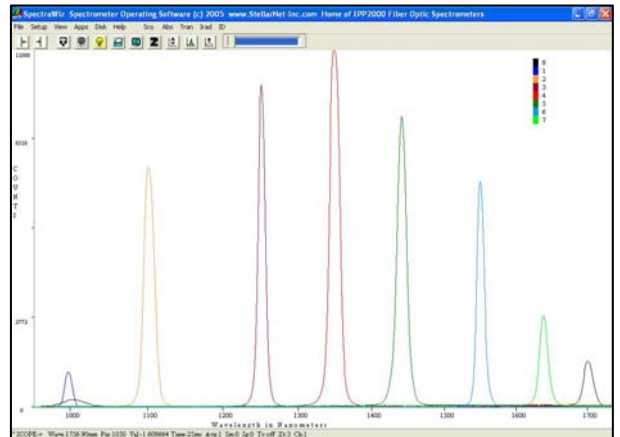


# Optical Measurement Systems for Filters, Films, and Coatings

## Spectrometer systems and options:

- Reliably measure a variety of optics samples (glass, plastics, etc) with thicknesses from a few mm to a few inches.
- Characterize tint/color (with CIELab values), transmission profiles, and UV cutoff for research and QA/QC applications.
- High Resolution UV-VIS (< 1nm) and NIR (< 2nm) spectrometers available for small gap Bandpass filters.
- Connect multiple spectrometers together with our DUAL-DSR options to cover the extended 200-2300nm range.



NIR transmission spectra of various optical filters

## Available Accessories:

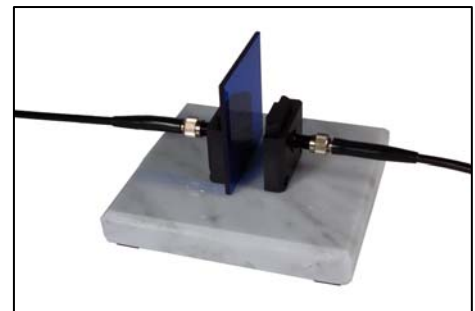
- **TFX1:** Fixed 10mm pathlength.
- **TFX3:** Adjustable pathlength from a few millimeters up to a few inches for horizontal samples.
- **TFX4:** Adjustable pathlength from a few millimeters up to a few inches for vertical samples.



TFX4 variable transmission fixture



TFX3 variable transmission fixture



TFX1 fixed pathlength transmission fixture

Item	Description	Price
<b>UV-VIS-NIR Spectrometers</b>		
BLK-C	UV-VIS concave spectrometer for 190-850nm, USB2 interface, & SpectraWiz software	\$2,750
BLKC-SR	“Super Range” concave spectrometer for 200-1080nm, USB2 interface, & SpectraWiz software	\$3,495
RW-IG-512	NIR Spectrometer for 900-1700nm, connects to VIS range units for extended coverage	\$13,125
DSR-CSR-512X	Concave grating (UV-VIS, CCD) plus NIRX-512 (InGaAs PDA) for 200-2300nm	\$21,490
<b>Fiber Optic Accessories</b>		
TFX1	10mm fixed pathlength filter holder; includes two collimating lenses with SMA connections	\$450
TFX3	Variable pathlength (horizontal or vert), includes two collimating lenses with SMA connections	\$495
TFX4	Variable pathlength (vertical) holder; includes two collimating lenses with SMA connections	\$495
F600	Armored fiber optic cables for VIS-NIR, 2 meter length (add \$50 for UV-SR grade fiber)	\$140
<b>Light Sources</b>		
SL1-Filter	VIS lamp for 400-2300nm range; 200W optical output	\$595
SL3	Deep UV lamp for 200-400nm range; 15W optical output	\$1,495
SL5	UV+VIS combination lamp for 200-1700nm range; 1W optical output	\$,1050