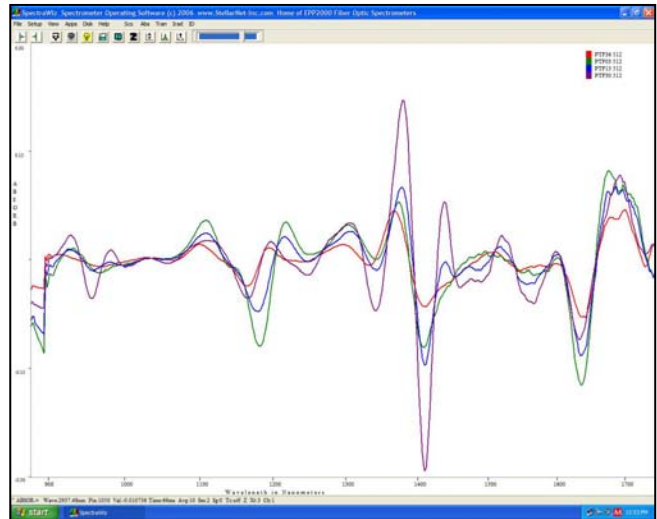


# RFX Reflectance Fixtures for VIS-NIR



- **350 nm-2200 nm spectral range-** measurements include reflectance and absorbance for VIS color measurements, NIR spectral signatures for material identification and chemical concentrations.
- **Flexibility-** can be used as a stand, or a portable handheld device for on-the-go measurements. Lightweight, 2-piece construction allows for easy storage and portability.
- **Includes** UP12V universal power adapter.
- **Battery-pack option available.**

- **RFX-1** VIS-NIR reflectance fixture with integrated 10 watt halogen bulb. Collimating lens reduces sample spot size to 5mm and feeds the SMA-905 fiber optic interface to the spectrometer.
- **RFX-2** VIS-NIR reflectance fixture with integrated 10,000 hour 5 watt halogen bulb. No collimating lens increases sample spot size to 20mm for the SMA-905 fiber optic interface to the spectrometer. Ideal for delta-E\* color measurements. Ultimate stability achieved with 2 stage bulb power supply.
- **Effortless solids measurement** for samples such as plastics and textiles, by placing the sample directly on the stand's surface.
- **Liquids and powders** can easily be measure by placing the sample in a Petri dish or sample jar.



*2<sup>nd</sup> Derivative spectra of Ready to Eat Food (samples provided by USDA)*

## Fiber Optic Accessory

Item	Description	Price
RFX-1	Reflectance Fixture	\$295
RFX-2	Reflectance Fixture for Color Measurements	\$495
F600-VIS-NIR-2	2 meter Fiber optic cable for RFX-1 (required)	\$140
F1000-VIS-NIR-1	1 meter Fiber optic cable for RFX-2 (required)	\$160

## Specifications

<b>Weight</b>	3.2 pounds (1452 g)	<b>Fiber Options</b>	1000 micron
<b>Size</b>	5" x 5-1/4" ø top x 3-1/2" ø bottom	<b>Sample port</b>	1-1/4" diameter
<b>Spectral range</b>	350 nm – 2200 nm	<b>Connector</b>	SMA 905