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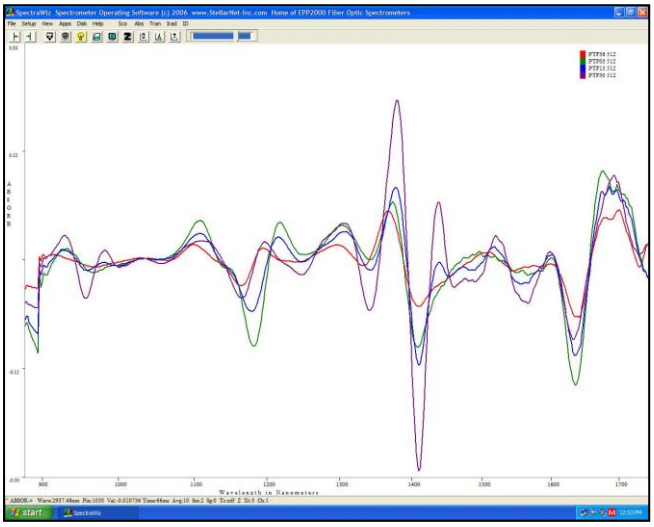
Find the *StellarNet RFX-1* at our website: *Click HERE*

RFX Reflectance Fixtures for VIS-NIR



- **VIS-NIR Spectral range** 350–2200 nm for measurement of sample COLOR and/or NIR reflectance. The NIR provides spectral absorbance signatures for material identification and multi-component concentration analysis using the StellarNet Analyzer Development Kit (ADK) software.
- **Portable** operation for Lab and Field measurements is simplified with lightweight 2-piece construction. The lamp assembly can be detached from the sample platform allowing for compact storage if needed.
- **Includes** UP12V universal 100-240 VAC power adapter.

- **RFX-1** includes integrated 10 watt halogen bulb with 1 SMA fiber optic connector to spectrometer. Sample reflectance is viewed at 45 degrees.
- **RFX-2** includes integrated 10,000 hour 5 watt halogen bulb for best stability and life using 2nd power regulator. Good for color but not as bright.
- **RFX-3D** is like RFX-1 with 3 fiber connectors to spectrometer each positioned 120 degrees in a circle thus eliminating the need to rotate coarse grain samples. Reflectance from 3 positions is combined using special 3-to-1 fiber for spectrometer.
- **Effortless measurement** for **solid** samples by placing them directly on the top of fixture. **Liquids** and **powders** can easily be measured by placing the sample in a glass Petri dish or sample jar . *See sample spot size note below.



2nd Derivative spectra of Ready to Eat Food
(samples provided by USDA)

Fiber Optic Accessory

Item	Description	Price
RFX-1	Reflectance Fixture 20 watt bulb	$295
RFX-2	Reflectance Fixture 10 watt bulb 2nd regulator	$495
RFX-3D	Reflectance Fixture with 3D fiber connections	$650
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
F600-1TO3-NIR	1 meter Fiber optic cable for RFX-3 (required)	$365

Specifications

Weight	3.2 pounds (1452 g)	**Fiber Options**	F1000/F600 see above
Size	5” x 5-¼” ø top x 3-½” ø bottom	**Sample port**	1-¼” diameter
Spectral range	350 nm – 2200 nm	**Connectors**	SMA-905 and 12VDC

*Sample spot size for measurement is 20mm diameter. For smaller area SMA connector can be replaced with LENS-COL.

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