

Transmission of Hoya U-325C SW filters SW1 at the marked end. Smooth side up, zero exposure time to SW lamp. 3-27-03

File: SW filter SW1 exposure test –new #2.doc

Set up Conditions

Using an Ocean Optics USB2000 spectrometer with UV CCD array.

The Analytical Instrument Systems, Inc. DT-1000 with just the UV lamp “on” was used as a source.

A custom Ocean Optics ZP1000-36”-UV/VIS fiber optic cable was attached to the DT-1000 and going to the Ocean Optics 74-UV collimation lens which was focused on to the opening of the FOIS-1 (Fiber Optics Integrating Sphere).

A custom fiber optic cable ZP1000-18”-UV/VIS was between the FOIS and the USB2000 spectrometer.

Scan setting

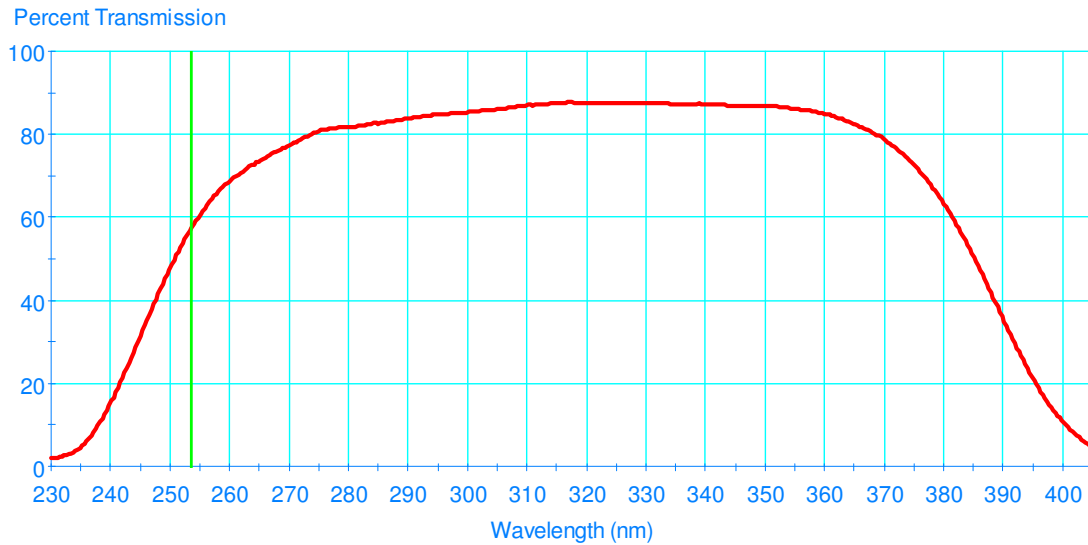
Wavelength range is from **230** to **405** nm.

Integ. Time = **4000**

Average = **10**

Boxcar = **6**

Flash Delay = **6**



Measurement of the Hoya U-325C SW filter SW1. At the marked end with the smooth side up 57.41%. Measured by DEN on 3-27-03.