



Ventana VIS-NIR Spectrometer

At a Glance

f/#	2.0
Wavelength Range:	430 - 1100 nm
Resolution:	4 nm
Dynamic Range:	17000:1
Optimum Input Fiber:	600 μ m NA = 0.39

The Ventana VIS-NIR is a high performance spectrometer providing exceptional throughput and sensitivity for low signal VIS-NIR measurements (430-1100 nm) like fluorescence. Designed to minimize light loss and maximize throughput, Ventana VIS-NIR is a cost-effective alternative to integrated benchtop systems with no compromise in performance.

Features:

- High NA fiber couples more light into the spectrometer
- Low f/# design
- Anti-reflection coatings and optics placed in an optimized configuration minimize light loss and provide superior image quality
- HD Volume Phase Holographic Grating (VPH) provides maximum diffraction efficiency with low stray light maximizing the instrument's linearity
- Back-thinned, cooled silicon detector array provides excellent quantum efficiency, low dark noise
- Low noise electronics

Learn more online at
www.elitespectrometers.com

