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## Apex 785 Raman Spectrometer

### At a Glance

Wavelength range:	780-1120 nm
Raman shift range:	>3800 $\text{cm}^{-1}$
Resolution (FWHM):	< 10 $\text{cm}^{-1}$
Typical dynamic range:	15000:1
Optimum input fiber:	200 $\mu\text{m}$ NA = 0.22



Learn more online at  
[www.elitespectrometers.com](http://www.elitespectrometers.com)

The Ocean Optics Apex 785 Raman spectrometer was designed for maximum resolution and sensitivity and delivers exceptional performance. Using patented high throughput virtual slit (HTVS) technology licensed from Tornado Spectral Systems, Apex eliminates the trade-offs among throughput, resolution and spectral range and provides high sensitivity, with excellent optical resolution, over a wide Raman shift range.

HTVS technology dramatically increases the throughput of the detection system, allowing faster measurements and lower excitation powers for delicate samples. Measure samples with very low noise in a fraction of the integration time.

Apex is the first of many new spectrometers, light sources and sampling accessories in our Elite series. Elite products deliver superior performance in a compact and customizable format. Achieve the highest quality data, choose Apex.

### Features

- High throughput virtual slit for shorter integration times, faster measurements
- High resolution and high sensitivity eliminates typical performance trade-offs
- Flexible use with a variety of lasers and accessories

