

## PIKA XC

### High-Performance Hyperspectral Imaging

The Pika XC is a high-performance imaging spectrometer with excellent stray-light performance for the 400 – 1,000 nm range. This line-scan system accommodates external C-mount, 2/3 inch format cameras.



Rotational or linear desktop scanning stages are offered as options that integrate seamlessly with Resonon's SpectrononPro data acquisition software.

Property	Specification
Spectral Range	400 – 1,000 nm <sup>1</sup>
Spectral Resolution	2.4 nm <sup>2</sup>
Dimensions & Weight	9.35 x 4.9 x 3.25 inches 4.1 lbs with typical Schneider objective lens
Objective Lens Options	Designed for C-Mount Schneider lenses (12, 17, & 23 mm) Works with all Schneider C-Mount lenses
Average RMS Spot Radius	6 μm average across all fields and wavelengths, see chart below
F/#	f / 2.4
Smile, Keystone	< 2 μm each <sup>3</sup>
Software	SpectrononPro Hyperspectral data acquisition & analysis
Hardware	Reputable vendor workstation level computer. See: <a href="http://www.resonon.com/spectronon-requirements.html">http://www.resonon.com/spectronon-requirements.html</a>
Options	Rotational or linear integrated scanning

<sup>1</sup> Spectral range within + / - 5 nm.

<sup>2</sup> With 25 μm wide slit. Other slit options available.

<sup>3</sup> Keystone depends on choice of objective lens.

