

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 SpectronPro data acquisition software.

Property	Specification
Spectral Range	400 – 1,000 nm ¹
Spectral Resolution	2.4 nm ²
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 ³
Software	SpectronPro Hyperspectral data acquisition & analysis
Options	Rotational or linear integrated scanning

¹ Spectral range within + / - 5 nm.

² With 25 μm wide slit. Other slit options available.

³ Keystone depends on choice of objective lens.

