

# PIKA II

## Multipurpose Spectral Imager

Resonon's Pika II is a compact, cost-effective, line-scan imaging spectrometer for the 400 – 900 nm spectral range.

This visible/near-IR system has an interchangeable C-mount objective lens with plug-and-play operation.

Rotational or linear desktop scanning stages are available and integrate seamlessly with Resonon's SpectrononPro data acquisition software.



Property	Specification
Spectral Range	400 – 900 nm <sup>1</sup>
Spectral Resolution	2.1 nm <sup>2</sup>
Spectral Channels	240
Weight	2.3 lbs
Dimensions	4 x 6.5 x 2.75 inches
Interface	Firewire 800 (IEEE 1394b)
Average RMS Spot Radius	7 µm
Cross-track channels	640
F/#	f/3
Smile (peak to peak)	1.5 µm
Keystone (peak to peak)	6 µm
Bit Depth	12 bits
Frame Rate	145 fps Higher fps available with windowing.
Options	Rotational or linear integrated scanning
Software	Spectronon Pro Hyperspectral data acquisition & analysis.

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

<sup>2</sup> Yearly spectral calibration recommended in normal environments. Contact Resonon for suggested spectral calibration and maintenance schedules in unusual environments.