



Technical Specifications



Introducing StellarElite

StellarNet is proud to offer StellarElite™, our new elite line of high performance spectrometer systems. StellarElite

Systems offer up to 10x optical gain, ultra sensitive detectors, and options for auto-mapping microscopy!

StellarElite offers high performance at an affordable price and are considered a tier above StellarNet's famous BLUE-Wave and BLACK-Comet. New spectrometers in our elite line are the Quasar, HYPER-Nova, and Quasar-UltraCool. Stay tuned for more new spectroscopy systems coming soon!

StellarElite Products:

HYPER-NOVA Features and Benefits:

- Low Dark Current (LDC) Technology
- Deep-Cooled CCD Detector
- Low Background Noise
- Lower Detection Limits
- Improved Repeatability and Accuracy

StellarSCOPE Features and Benefits:

- Systems equipped with an Olympus research microscope with 4, 10 and 40x objectives
- CMOS 1.3 Mpixel camera, optical switch
- Required SMA couplers
- Attachment accessories for your specific application

QUASAR Features and Benefits:

- 10x Optical Gain for Enhanced Sensitivity and Speed
- Compatible with all StellarNet Software
- Flexible Modular Design
- Precision and Repeatability
- Designed for Raman with more models coming soon!

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- 10x Optical Gain for Enhanced Sensitivity and Speed
- Low Dark Current Technology
- Deep Cooled CCD Detector
- Precision and Repeatability
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StellarElite Pre-configured Systems

Pre-configured StellarElite™ spectrometer systems are top-of-the-line for your most demanding spectroscopy applications. 10x optical gain and ultra sensitive detectors equate to improved system accuracy, repeatability, and detection capabilities. If you need 2D spectroscopy mapping, add our new StellarSCOPE-AM to any system for unrivaled price performance.

Display Measurement
Color Measurement System
LED Measurement
532/785 Dual Wavelength Raman Microscopy
Fluorescence System
Chemical Absorbance
Haze & Optical Metrology





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Nd:YAGレーザー、Ti:Sレーザー
OPOレーザー

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