Hyperspec Starter Kit™

Components:

- **Image acquisition & display with Hyperspec™ software**

- **High speed linear stage and controller for sample scanning**

- **Adjustable, robust sensor gantry mount with base plate**

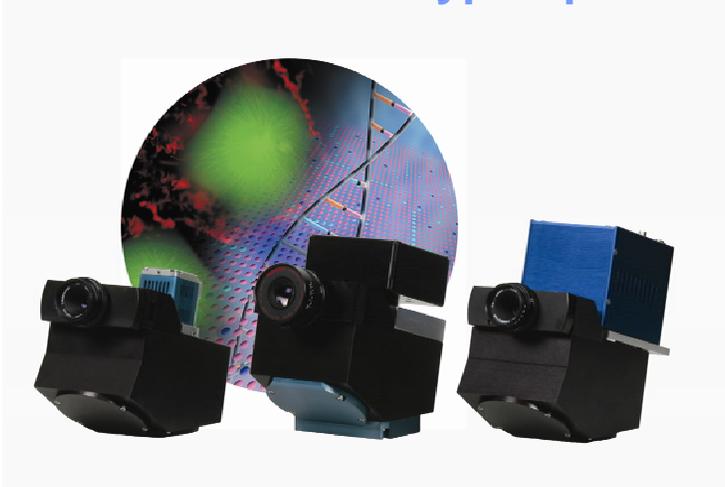- **Sample illumination with high intensity light line & source**

The Hyperspec Starter Kit™ offers users in industrial, life sciences, and medical application areas a flexible system designed to maximize the benefits of a customer's investment in hyperspectral imaging technology. With an adaptable selection of proven technology components and customizable software, hyperspectral users have the ability to significantly reduce the time necessary to get their projects and applications up and running.

The starter kit allows users to rapidly scan a range of material samples, create a three dimensional hyperspectral cube data, and display image results or export image data to an industry standard software application package. Ease of use and increased productivity are key benefits of Headwall's Hyperspec Starter Kit™.

With many years of successful hyperspectral deployment experience, Headwall engineers have selected proven, reliable hardware components which maximize the performance for the Hyperspec-VNIR™, Hyperspec- NIR™, and Hyperspec™-SWIR™ and Micro-Hyperspec™ imaging sensors.

Hyperspec™ Imaging Sensors

Headwall Photonics designs and manufactures the award-winning Hyperspec™ imaging spectrometers. Application-specific performance is available with a range of hyperspectral sensors featuring:

Hyperspec-VNIR™	400-1000 nm
Hyperspec-NIR™	900-1700 nm
Hyperspec-SWIR™	1000-2500 nm
Micro-Hyperspec VNIR™	400-1000 nm
Micro-Hyperspec NIR™	900-1700 nm

Custom spectral ranges (UV, MWIR, and LWIR) as well as extended spectral are also available.

Hyperspec Starter Kit™

Hardware solution components:

Custom Hyperspec™ mounting stage & gantry
  - Baseplate, tower, and sensor mounting hardware

Linear stage & controller
  - 100mm travel distance (250mm travel option available)

Industrial light line (Slit Type) Light Guide (50mm), condenser lens, and stable halogen light source 150W (optional)
  - 200mm Light Guide option available

Software solution components:

Hyperspec™ software for hyperspectral datacube creation includes sensor control and linear stage control capability

Note: Laptop not included

For more information contact:

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Performance For Any Application

Configurability beyond expectations! Available with many other application-specific configurations, Headwall offers a spectral imaging system optimized for performance and budget.

Headwall application engineers are available to help select the best system for your application.

All specifications are subject to change without notice.