The fully automated Maestro™ 2 is the ideal instrument for your small-animal imaging facility.

The Maestro™ 2 system combines high sensitivity with advanced animal-handling features and user-friendly time-saving operation. Focus, adjust the specimen stage, or change filters at the click of a button. Broadband mode allows increased sensitivity, while narrowband mode allows higher accuracy for improved spectral separation. No other system has these advantages.

- Solid-state bandwidth adjustment for more accurate quantitation
- Automated operation for faster experiments
- Improved animal-handling features
- Compatible with Dynamic Contrast Enhancement (DyCE™) for all-optical anatomic imaging and better quantitation of signals from specifically bound versus freely circulating markers
MAESTRO 2 IN VIVO IMAGING SYSTEM

Superior Spectral Imaging

The new FLEX technology built into the Maestro 2 utilizes CRi’s patented industry-leading solid-state liquid crystal tunable filter (LCTF) approach to spectral imaging. Take advantage of the wide wavelength range from the visible to the near-infrared (NIR). Use broad-band mode for maximum throughput and reduced experiment times or use narrow-band mode for situations that demand a high degree of multiplexing.

Superior Software Tools

Maestro 2 systems come with our complete spectral unmixing toolbox, including the award-winning Real Component Analysis (RCA) package and intuitive Compute Pure Spectrum algorithms, enabling you to get the very best quantitative information out of your samples.

Fast, Flexible, & Sensitive

The Maestro 2 system is fast: acquire full spectral images in only seconds. It is also flexible: image any fluorophore which emits beyond 500 nm. Image multiple fluorophores, even if they overlap spectrally and spatially. And the Maestro 2 is sensitive: up to 300 times more sensitive than monochrome!

Notice to Purchaser:

The CRi Maestro™ imaging system has many applications involving a variety of materials, such as probes, cell lines, animal specimens, etc. Certain of those applications and/or materials may require licensing under patents held by third parties. For example, a license from AntiCancer Incorporated, 7917 Ostrow St., San Diego, CA 92111 and/or Caliper Life Sciences, Inc., 68 Elm St., Hopkinton, MA 01748, may be required for certain applications and/or materials. CRi’s sale or other transfer of the Maestro™ imaging system does not convey any right or license under such third party patents. It is suggested, therefore, that users of the Maestro™ imaging system consult with counsel to determine whether licensing of such third party patents is required.

Optional All-Optical Anatomic Imaging with DyCE™

Dynamic Contrast Enhancement (DyCE™) allows you to co-register anatomical information with molecular imaging data obtained from the same animal without the need for expensive CT, MRI, or X-ray.

Maestro 2 systems come with a complete set of excitation and longpass emission filters. See the Maestro Filter Selection Guide for more information on finding the ideal filter sets for your fluorophores.

Contact us at 1-800-383-7924 or go to www.cri-inc.com/maestro to learn more about the Maestro 2 or our entry-level Maestro EX

About CRi

Cambridge Research & Instrumentation, Inc (CRi) is a global leader in biomedical imaging dedicated to providing comprehensive solutions that enable our customers to perform cutting-edge research and provide better healthcare.

CRi technology helps extract new disease-specific information from biological and clinical samples in the physiological, morphological, and biochemical context of intact tissues and organisms. With over 80 patents pending and issued, CRi’s award-winning innovations are being utilized around the world.

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