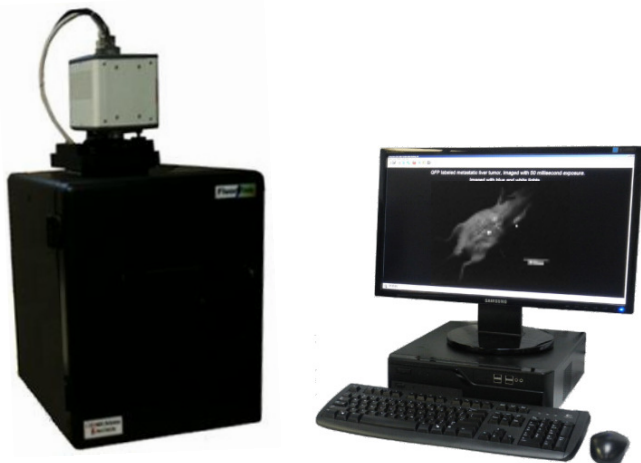


FluorVivo™ 1000

***In Vivo* Imaging System for Small Animals with Multiple Monochrome Camera Support**

a member of the FluorVivo family from  **INDEC BioSystems**



The *FluorVivo* family represents **the next generation** of *in vivo* fluorescence imaging of small animals. For situations where a monochrome camera is the preferred choice, INDEC BioSystems now offers the FluorVivo 1000, a complete, turn-key, *in vivo* imaging system, based on monochrome camera and filter wheel technologies.

The Model 1000 performs *in vivo* whole body imaging of fluorescent structures, supporting multiple probes of your choice from blue to NIR.

FluorVivo is a **personal** instrument that complements your current fluorescence instruments and is available at a fraction of the cost of other *in vivo* imaging systems. FluorVivo's **modularity** means you can always elect to add useful options to the system to upgrade or adapt it to new experimental requirements. FluorVivo brings the power of *in vivo* imaging and analysis both to core facilities and the individual laboratory.

Essential and Unique Features of FluorVivo 1000

- Acquires still and time series images, with real-time or high-speed imaging capability
- Supports sCMOS, EMCCD and CCD monochrome cameras, filter wheels and fluorescence excitation systems, all from major manufacturers
- *In vivo* optical imaging
- Quantitative – spatial and temporal analysis, both manual and automated analysis capabilities
- Exports data to movies, images and spreadsheet files
- A complete, turn-key system with the lowest cost of ownership on the market

Applications

- Tumor growth from early metastatic origin
- Ultra-long wavelength imaging
- Stem cell research
- Time lapse imaging
- High-speed imaging of rapid *in vivo* processes

The Model 1000 Includes:

- FluorVivo 1000 software, a proven program for single image snap and time lapse imaging
- Choose from monochrome cameras that range from standard uncooled CCD models to the latest and most sensitive EMCCD and sCMOS models from manufacturers such as:
 - Photometrics
 - Princeton Instruments
 - Hamamatsu
 - Andor Technology
 - PCO
- FluorVivo 1000 *in vivo* imaging chamber, with standard accessories required for *in vivo* imaging
- Optionally available with a multichannel fluorescence excitation subsystem
- Optionally available with a ten position emission filter wheel
- Optionally available with INDEC BioSystems BioLiberator, image database and query-retrieve application

Configurations

Two configurations of FluorVivo 1000 are offered:

- Single channel fluorescence system with chamber and computer system
- Multi-channel fluorescence system that adds a filter wheel to the above

In either case, you choose the monochrome camera best suited to your application.

The key is the INDEC BioSystems FluorVivo software that seamlessly integrates the camera, excitation sources and filter wheel into a complete, turn-key system.

INDEC BioSystems also offers the optional BioLiberator, a database application for FluorVivo image files with query-retrieve capability, to help the organization and management of image data sets.

Companion Products from INDEC BioSystems

The FluorVivo 1000 is a companion to the FluorVivo Models 100 and 300 that support multicolor real-time *in vivo* imaging.

INDEC BioSystems' FluorVivo family of products is licensed under agreement from AntiCancer, Inc. (www.anticancer.com), such that non-profit entities purchasing this system are licensed under patents for imaging of fluorescent proteins held by AntiCancer and Caliper LifeSciences Corporation (www.xenogen.com). Additional licenses are necessary for commercial purposes. For additional information, contact AntiCancer, Inc., and Caliper LifeSciences (www.caliperls.com).

To arrange an on-site demonstration, please contact us:

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