



# Imaging

Product Line

# Fluorescence Imaging? See what you need at MiraiBio.

Whether your Fluorescent imaging system requires high sensitivity, ease-of-use or speed, you'll find the answer at MiraiBio. The FMBIO III and III Plus imaging systems provide a wide array of flexible features to address the ever-changing requirements of Genomic and Proteomic researchers. Combining high sensitivity and resolution with intuitive software, the FMBIO imaging systems are your choice for advanced scientific imaging.



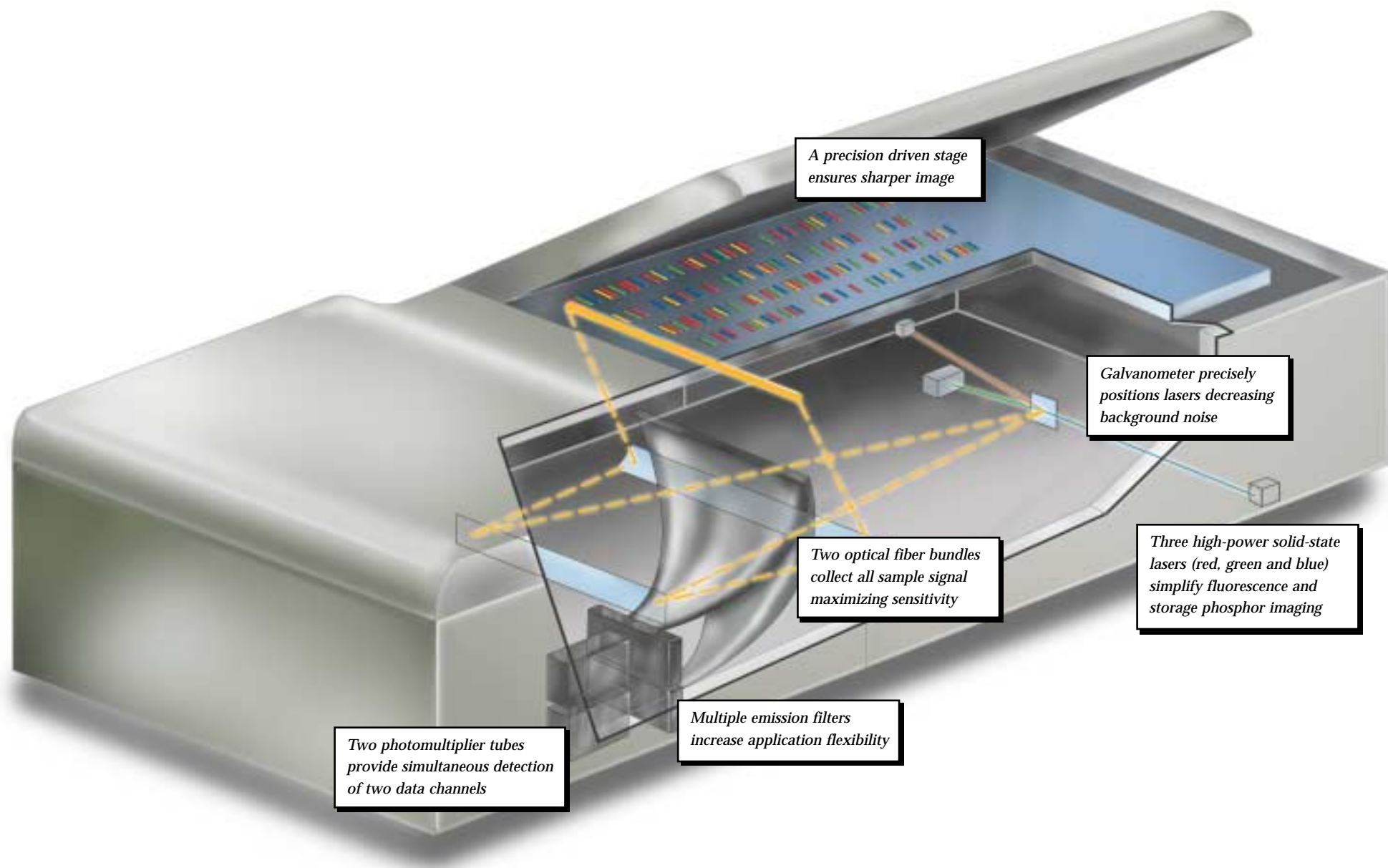
## **FMBIO III Imaging Systems**

A breakthrough in advanced imaging

- Improve consistency and reliability with a complete solid-state laser design
- Maximize resolution with a "true" adjustable focus point
- Optimize imaging quality with high resolution and unlimited filter choices
- Increase throughput with fast scan times
- Utilize intuitive imaging capture and analysis software for productivity
- Utilize the largest scanning area available

# Fluorescence Imaging

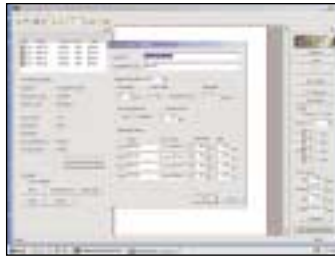
## FMBIO III® Multi-Functional Imaging Systems



## Intuitive Image Capture and Analysis Software

FMBIO Imaging Systems provide a user-friendly graphical interface that increases overall laboratory efficiency by simplifying image capturing and decreasing the overall learning curve of the software. After capturing high quality images, advanced image analysis software offers a wide range of features including multiple color separation analysis and automatic band detection.

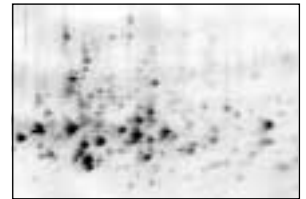
- Increase effectiveness with real-time Gray-level adjustment
- Maximize efficiency with multi-channel scanning, viewing, and saving
- Enhance visualization with different scanning modes
- Expand application flexibility with optional microarray or 2-D gel software
- Maximize data storage and access flexibility with image compartmentalization



*Flexible and user-friendly scanner control software ensures faster start-up times and increased laboratory efficiency.*



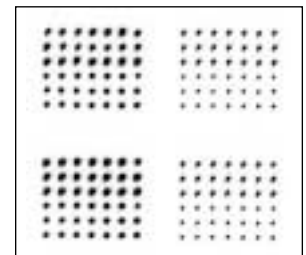
*Powerful image analysis software provides application flexibility from gel documentation to microarray analysis.*



*2D protein gel poststained with SYPRO Ruby. Sample courtesy of Dr. Peter McNamara, Wisconsin Medical School.*



*Chemifluorescence membrane imaging.*



*Cy3-labeled Microarray imaging.*

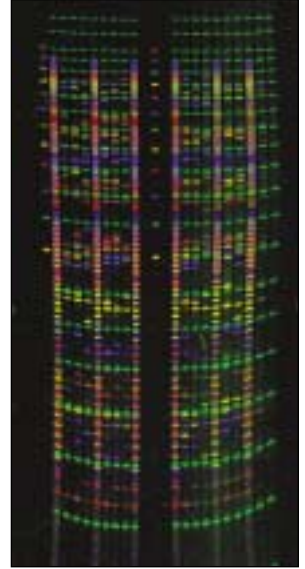
# Applications

## Flexible Fluorescence Technology

The FMBIO III Imaging Systems are the most versatile systems for advanced fluorescent imaging available.

Tailored to the ever-changing demands of researchers in Genomics and Proteomics, the FMBIO III has been designed to support a wide range of applications. The most powerful lasers, widest focal range, most flexible filter selection, the largest sample stage available, and a selectable scanning resolution from 200  $\mu\text{m}$  to 25  $\mu\text{m}$  distinguish the FMBIO III as the leader in its class.

- Microarray
- 2-D and Multicolor Protein Gels
- Differential Display
- Microsatellites
- Membrane-Based detection
- Microtiter Plates



*PowerPlex™ 16 Bio short tandem repeat analysis of human identification samples.*



*Differential Display, courtesy of GenHunter Corp., Nashville, TN.*

