IMAGE-PRO® DISCOVERY

**THE ENHANCED IMAGE ANALYSIS SOLUTION
FROM THE IMAGE-PRO FAMILY**

MediaCybernetics®
From Images to Answers®

Image-Pro® DISCOVERY

Create in-focus composite images from a series of partially in-focus images with Extended Depth of Field (EDF)

Experience the Ease and Accuracy of Image-Pro Discovery…

From Images to Answers
Image-Pro Discovery provides easy-to-use measurement and analysis tools needed for various scientific, medical, and industrial applications. It offers all the functionality of Image-Pro Express along with an extended list of enhancement and measurement tools and the ability to add application-specific plug-ins.

Capture
Image-Pro Discovery provides support for advanced digital cameras, sophisticated image capture cards, TWAIN, Video-for-Windows (VFW), scanner devices, and most confocal microscopy systems. As new devices are developed, drivers are made available on our website at www.mediacy.com.

Enhance
Work with a variety of enhancement tools including:
• Background subtraction & correction
• Manual or automatic color enhancement
• Composite imaging tools
• Sequence Gallery for easy image preview
• Low-Pass, Hi-Pass, Gaussian, Hi-Gaussian, Sharpen, Flatten, Median, Rank, and Local Equalization enhancement filters
• Pseudocolor tool for custom color spreads

Measure
Easily guarantee fast, accurate, and repeatable results by taking advantage of our many measurement options including:
• Length, area, perimeter, and angle tools
• Best-fit line, arc, and circle metrology tools
• Caliper tool for edge detection and measurement
• Automatic count and size tools

Analyze
Test, compare, and analyze your data for maximum results.
• Visualize image data with scattergrams, histograms, line profiles, and pseudocolor
• Add, subtract, or mask images with Boolean or arithmetic functions
• Export data to statistical and spreadsheet packages via Direct Data Export (DDE)

Image Informatics
Transform the data you receive from images into answers with powerful image informatics tools:
• Generate custom formatted reports with images, data, and text
• Acquire, organize, store, retrieve, and share your images with the built-in Image-Pro Database

Create composite images from an infinite number of source gray scale images with Color Composite
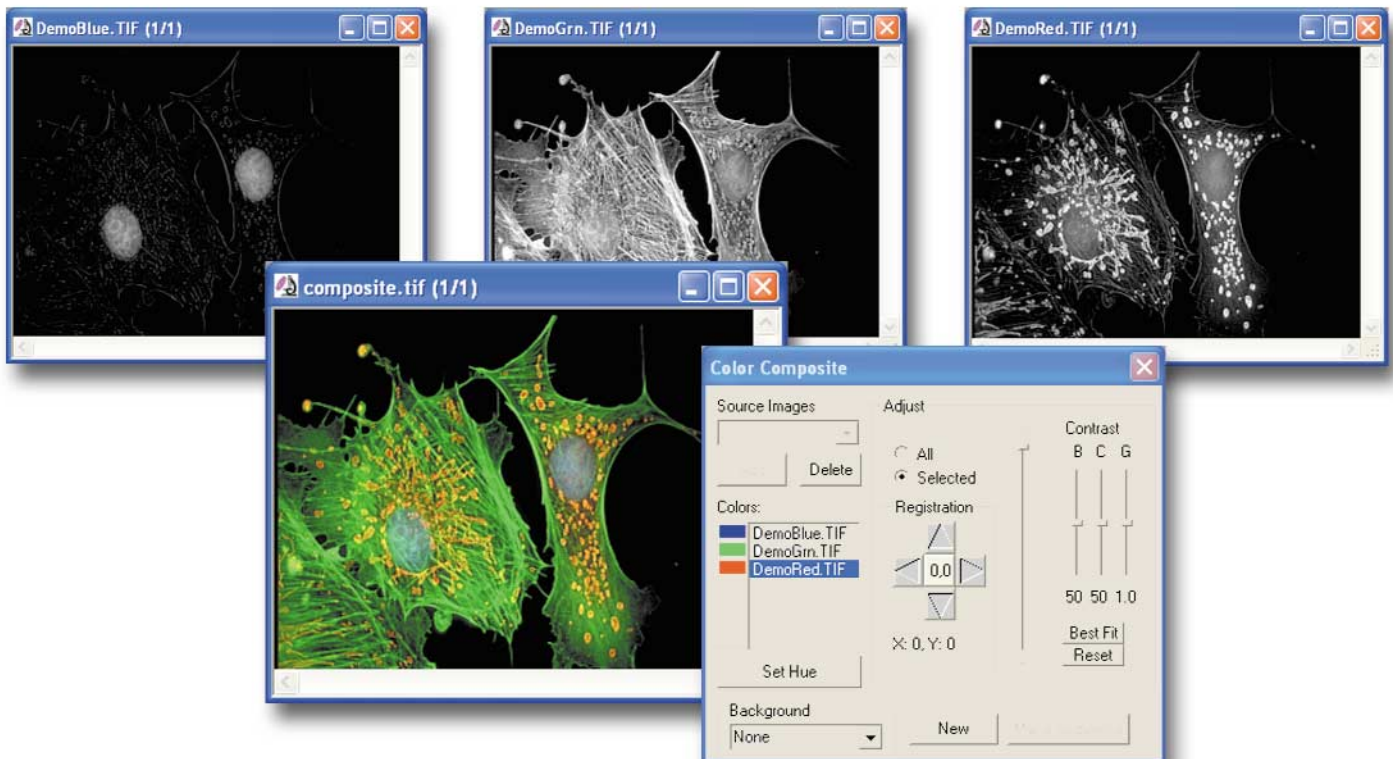
Add Application-Specific Plug-Ins

Extend the functionality of Image-Pro Discovery with the following integrated plug-In modules:

- **3D Constructor™ Plug-In** provides 3D reconstruction and visualization
- **AFA™ (Advanced Fluorescence Acquisition) Plug-In** offers an automated method to acquire fluorescent time-lapse and multi-well images
- **SharpStack™ Plug-In** extracts clear, sharp images from a stack of hazy planes
- **Scope-Pro® Plug-In** allows Image-Pro users to control and program the movement of their automated microscope, stage, filter wheels, etc.

Join a Community

By taking advantage of all Image-Pro Discovery has to offer, you will find yourself part of a worldwide imaging community.

- Share tips with others on our Image-Pro Email User's Group
- Search for application notes, device drivers, and more on our website at www.mediacy.com

Upgrade For Additional Features

As your imaging requirements grow, you may upgrade to the full power of Image-Pro Plus easily and at an affordable price.

The Image-Pro Family

The Image-Pro software series reflects the maturity of over 20 years of development, evolution, and user feedback. We offer three unique Image-Pro packages to accommodate a variety of imaging needs.

■ **Image-Pro® Express**

Perfect for basic imaging or for image capture stations, Image-Pro Express offers quick capture and enhancement tools.

■ **Image-Pro® Discovery**

More advanced than Image-Pro Express, Image-Pro Discovery offers added measurement and analysis capabilities.
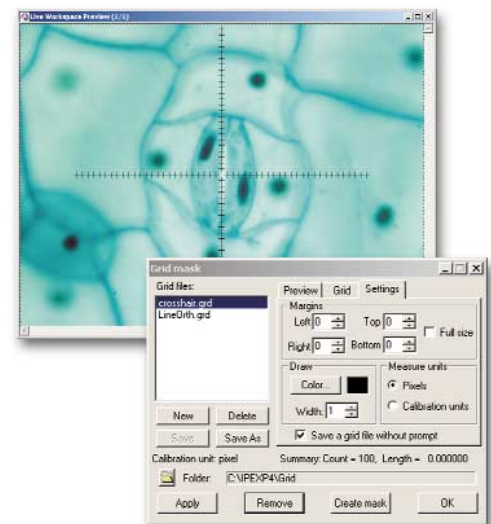
■ **Image-Pro® Plus**

The ultimate imaging solution, Image-Pro Plus includes all of the features of Image-Pro Discovery along with added tools and the ability to write customized macros and plug-ins.

*Measure images before you acquire them
with Live Image Preview*
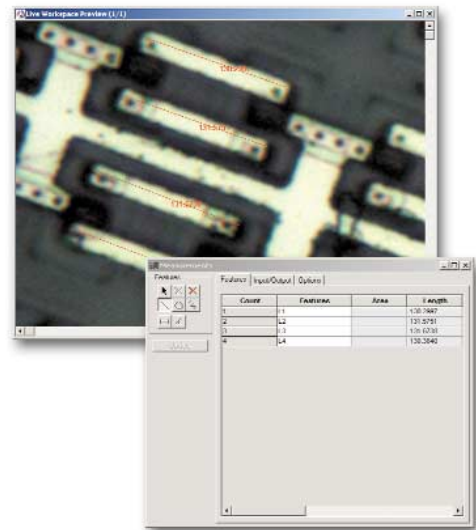
*Apply Crosshair grids for precise placement
of images during capture*

MediaCybernetics®
From Images to Answers®

Guarantee accurate and repeatable results with advanced manual measurement tools

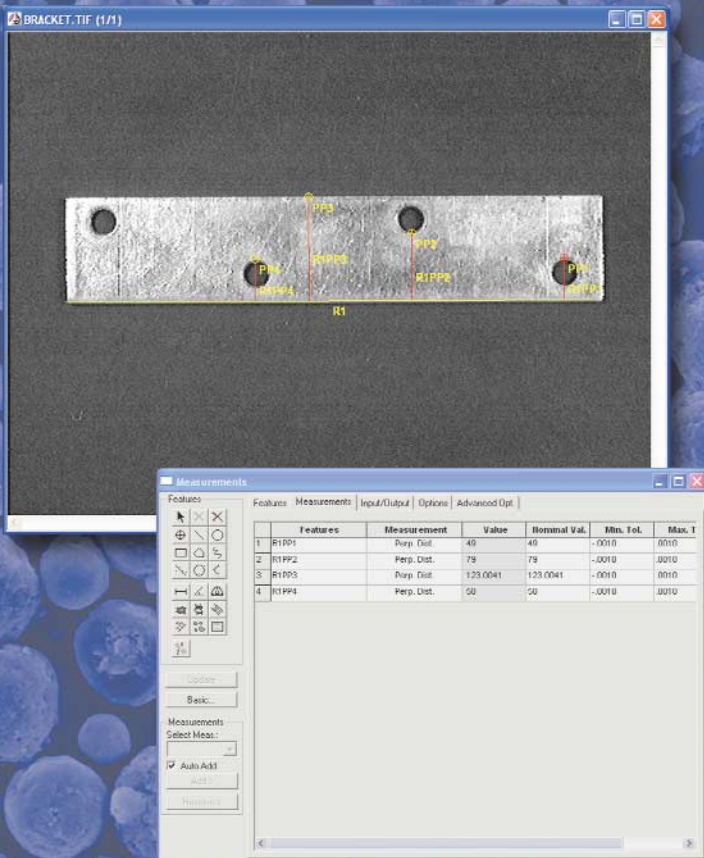*Count and Size objects quickly with Automatic Count/Size tools*

Image-Pro Discovery Assists You With All of Your Imaging Needs...

Image-Pro Discovery provides a full range of imaging tools that allow you to capture, communicate, process, measure, analyze, archive, generate reports, and print. For more information and sample applications, please visit **www.mediacy.com.**

Process objects with Morphological filters that include descriptions and interactive preview windows

Preview all image analysis processes on image stacks with the Sequence Gallery
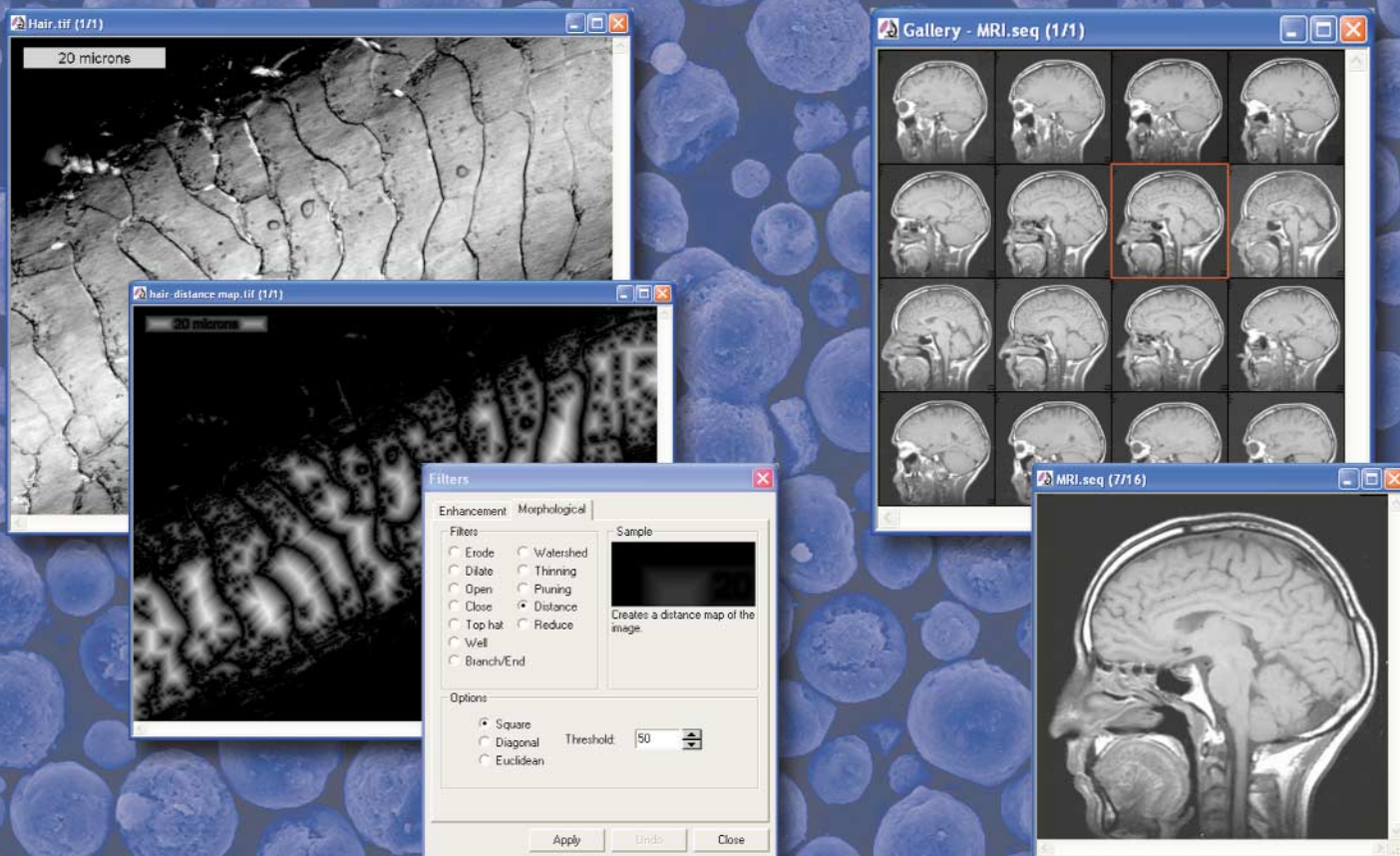
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