

Image-Pro Products Comparison

	<u>Image-Pro Express 6.0</u>	<u>Image-Pro Plus 6.2</u>
Acquire		
TWAIN compatible	✓	✓
Acquire, create, and playback a sequence (stack) of images	✓	✓
Live image preview with measurements	✓	✓
AutoSet - takes guesswork out of setting color balance exposure parameters	✓	✓
Composite Imaging		
Image stitching and tiling tools		✓
Alignment correction to align individual or sequence images for translation, rotation, or scaling	✓	✓
Extended Depth of Field (EDF) tools	✓	✓
EDF test strips	✓	✓
Local Zoom tool to simultaneously view entire image and magnified area of interest	✓	✓
Color Composite tool	✓	✓
Process		
Dye management to apply dye tints to gray scale images by choosing emission wavelength	✓	✓
Enhancement filters	✓	✓
Edge filters	✓	✓
Large Spectral filters, and custom kernel editing		✓
Morphological filters		✓
Fast Fourier Transform (FFT) features	✓	✓
Pseudo-color tool	✓	✓
Image Overlay	✓	✓
Restricted dilation feature		✓
Image/sequence alignment	✓	✓
Image registration		✓
Memory management for large image sets	✓	✓
Image math operations	✓	✓
Count and Size		
Automatic Count and Size tools	✓*	✓
Measure lengths, roundness, aspects, angles, areas,		

perimeters, and holes	✓	✓
Export measurements to statistical and spreadsheet package via DDE	✓	✓
Display measurements as histograms		✓
Display measurements as scattergrams		✓
Auto Threshold		✓
Manually tag, count, and classify objects	✓	✓
Measure		
Object tracking tools		✓
Calibration tools	✓	✓
Calibration tools	✓	✓
Co-localization of probes		✓
Weighted centroid, clumpiness, min/max density, and additional perimeter measurements		✓
Pass/Fail routines can be recorded in a macro and played back later		✓
Metrology tools measure features such as best-fit line, arc, and circle	✓	✓
Measure lengths, areas, perimeters, and angles	✓	✓
Auto-Trace feature	✓	✓
Quickly calculate max, min, and average thickness between lines	✓	✓
Caliper Tool for edge detection and measurement	✓	✓
Analyze		
Image set manager and navigator	✓	✓
Voxel-based 3D filters for use with 3D volumetric, time-lapse and other 3D image sets		✓
Built-in OpenGL viewer for interactive 3D volume rendering		✓
Built-in real-time 2D deconvolution		✓
Surface Plot displays image intensity values in a 3D Plot	✓	✓
Data Collector collects data from multiple images from various tools		✓
Percent area of multiple threshold levels		✓
Display data or histograms		✓
Annotation tools	✓	✓
Printing and Publishing features	✓	✓
Auditing and Authentication Features		
Audit Trail		✓
Image and File Signature "fingerprint" images for		

authenticity ✓

Image Database

Seamlessly export to [IQbase](#) ✓ ✓

Organize, store, and retrieve images ✓

Generate Reports

Create customized report with images, data, and text ✓ ✓

Available in Advanced Microscopy Bundled Solutions

Extend functionality with application-specific plug-ins for scope/stage control, deconvolution and 3D rendering ✓ ✓

Extend functionality with advanced fluorescence acquisition ✓

Create Customized Macros (Auto-Pro)

Macro Programming tools allow you to customize Image-Pro Plus software ✓

Technical Support

[Support from Media Cybernetics](#) ✓ ✓