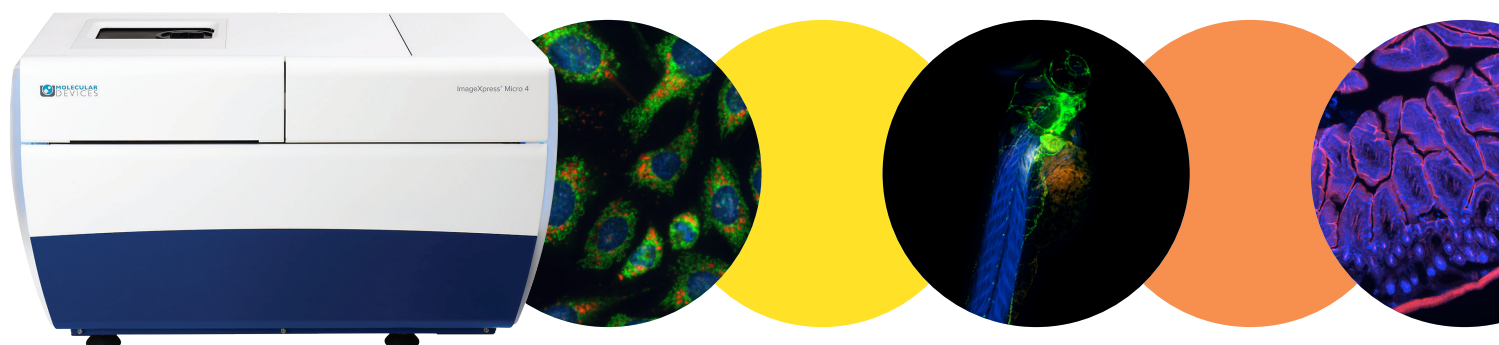




ImageXpress Micro 4 High-Content Imaging System

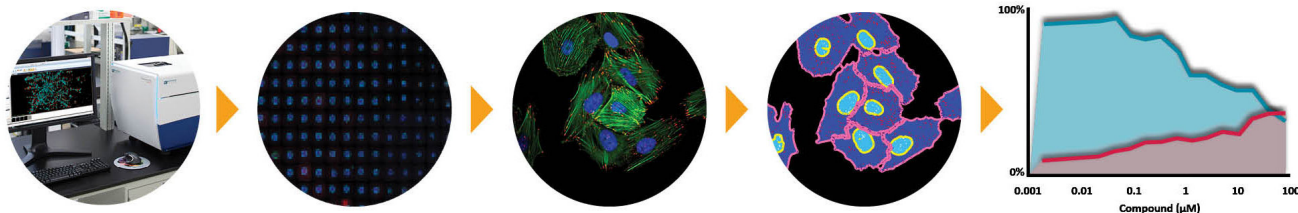
Position your research—with breakthrough, intelligent imaging solutions

BENEFITS

- Capture excellent images today with the capability to upgrade to confocal in the field if needed
- Tackle a wide range of assays with objectives ranging from 1x to 100x, and a configurable 5-position filter cube changer
- Acquire statistically relevant data faster with large field of view and >3 log dynamic range
- Expand your research capabilities with transmitted light, liquid handling, and environmental control options

The ImageXpress Micro 4 High-Content Imaging System represents the culmination of four generations of imaging expertise. The latest agile design allows you to boost your research with this faster-than-ever system, while providing the option to upgrade to confocal in the future to align with your research needs.

Combined with MetaXpress High-Content Image Acquisition and Analysis Software, the ImageXpress Micro 4 system provides you with an intelligent, multi-dimensional, high-throughput screening solution to help you discover your next landmark scientific breakthrough.



Combined with MetaXpress software, the ImageXpress Micro 4 system is a complete solution that enables you to interpret your images, understand your data, and explore new ideas.

Applications

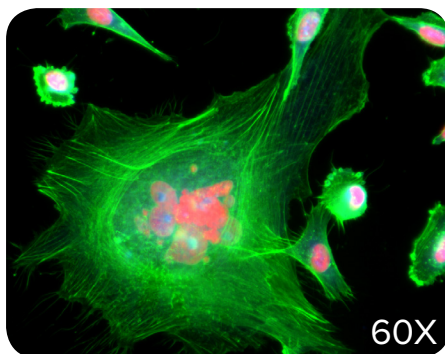
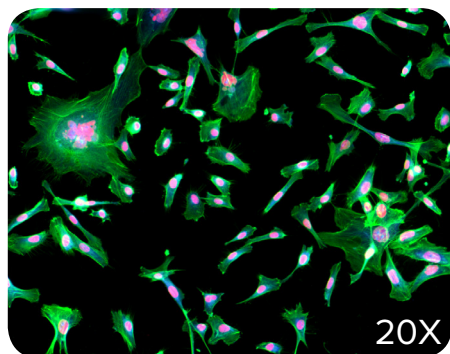
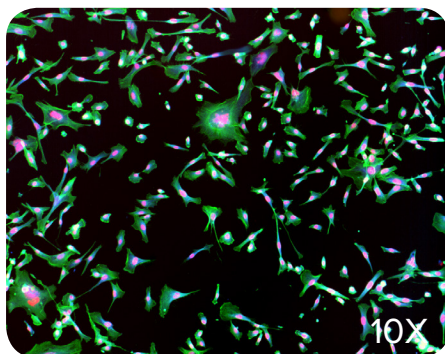
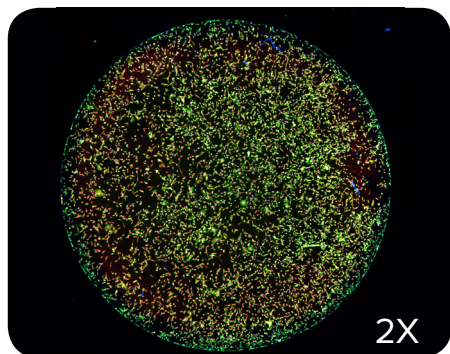
Capture images from Apoptosis to Zebrafish with the ImageXpress Micro 4 system configured to suit your specific biological needs.

We offer unlimited configurability with:

- User exchangeable filter cubes enabling multiplexed assays
- The widest range of objective lenses to capture a variety of cellular and intracellular events

- Environmental control for live cell monitoring
- Transmitted light for stain-free imaging
- Fluidics options for kinetic cellular response studies

Built on over 30 years of cell-based imaging experience, the ImageXpress Micro 4 system is engineered for performance to reliably accelerate the pace of your research.



Automatically acquire images 1-100x objective magnification in slides and multi-well plates up to 1536-well format. Acquire >210,000 wells per day at 4x magnification with the system's unique multi-well crop feature. A 4x objective captures 11 mm² of a 384-well plate to be imaged in one field-of-view while increasing magnifications allows the resolution of fine detail for analysis of subcellular events.

Key features

- Widefield imaging with digital confocal imaging
- Field upgradeable to AgileOptix confocal technology
- Large field of view captures 1.97 mm² at 10X
- > 3 log dynamic range
- Acquire from a variety of multi-well plate formats up to 1536 including unusual formats developed for 3D assays with round bottom or trans-well plates
- 4 position objective changer and 5 position filter cube changer
- High speed laser and image autofocus
- Simplified Z stack acquisition and analysis
- Widest selection of objectives
 - » 1x to 100x magnification
 - » Air objectives: up to 0.95 NA
 - » Oil objectives: up to 1.4 NA
- Fully automated X-Y and Z stages with resolution better than 100 nm

Additional enhancements

Available options include field upgradeable Confocal imaging, Environmental Control (temperature, humidity and CO₂ control for multi-day live-cell experiments), Transmitted Light True Phase contrast option and Fluidics (on board disposable pipetting).



To find out more, please contact your local sales representative.

Go to www.vwr.com for the latest news, special offers and details of your local VWR organisation.

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