

OLYMPUS[®]

Your Vision, Our Future

Research Inverted Microscope

IX3[®]

IX3 Series

One platform. Endless possibilities.

imag[IN]e the potential.



The perfect configuration for any lab, the new IX3® line of inverted microscopes is a highly expandable research platform from Olympus.

Sophisticated imaging options combined with world class Olympus optics provide the optimal platform for your research needs. A diverse range of units is available in the IX3 line up, making everything from routine observation to advanced imaging possible and easily upgradeable. For modularity and versatility, three frames provide the flexibility to grow with your research.

IX83 for advanced research

- Fully motorized and automated
- 1 or 2 deck configurations for maximum flexibility allowing for a variety of optional inserts
- High speed filter wheels, shutters and light sources for high speed acquisition
- Olympus Real Time Controller allows for microsecond timing accuracy with high speed hardware



IX83 2 Deck + Zero Drift Autofocus

IX73 for modularity and expandability

- Manual encoded or semi-motorized options let you choose the configuration you need now and easily upgrade later as your needs change
- 1 or 2 deck configurations for maximum flexibility allowing for a variety of optional inserts
- High speed filter wheels, shutters and light sources for high speed acquisition
- Olympus Real Time Controller allows for microsecond timing accuracy with high speed hardware



IX73 1 Deck

IX53 for cost effective routine testing

- Manual microscope
- 1 deck
- Brightfield, phase contrast, and fluorescence imaging
- Long working distance condenser for cell culture observation



IX53

The IX3 line offers the flexibility to meet your needs now, and the expandability to grow with your research in the future. A variety of component combinations and the modularity of this inverted microscope system offers versatility and allows for easy upgrade.

Multi-Deck Optical Design

- Advanced system design allows for a high degree of access to the optical path, allowing users to select from a variety of inserts
- Ideal for observers who want to customize the system to their research needs
- Large open space for the user who wants to build their own inserts
- Square frame for enhanced rigidity which reduces the impact of vibration and heat resulting in increased stability for time lapse imaging



IX83 2 Deck + Zero Drift Autofocus

Deck Inserts



- Choose inserts to suit your needs
- Upgrade and modify with ease
- Accommodate 3rd party add-ons

IX83 2 Deck + Zero Drift Autofocus

Encoded Components



- Encoded options include:
 - Fluorescence filter turret
 - Nosepiece
 - Magnification changer

- Simplified workflow with cellSens®* that automatically reads changes in components and saves system settings with image data

**cellSens is not for clinical diagnostic use*

The ultimate control over microscope performance.

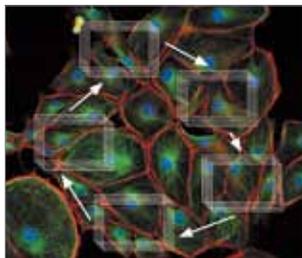
Designed for precision. Built for reliability. Capable of digital control using various techniques, the IX3 system allows researchers to comfortably and quickly complete their unique workflow.

Zero Drift Control

- Reliably observe cells in focus over long-term time lapse with zero drift autofocus technology

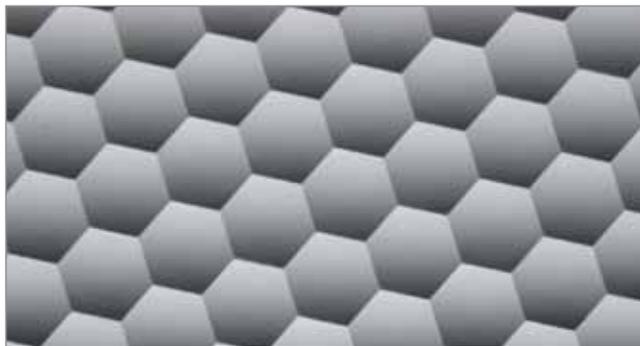
Ultrasonic Motorized Stage

- Perform multi-site time lapse imaging with accuracy
- Olympus' ultrasonic stage technology allows for precise and repeatable movement with a low-profile, noise-free design



Olympus Fly-Eye View Fluorescence Illuminator

- Features fluorescence illumination with Fly-Eye optics to produce highly uniform illumination across the field of view
- Uniform illumination facilitates improved quantitative imaging, easier post-processing of images, stitching multiple images, and further image analysis
- More even illumination across large format cameras



Intuitive System Control.

Designed with users in mind, the IX3 system offers ease of use to both novice and seasoned researchers.

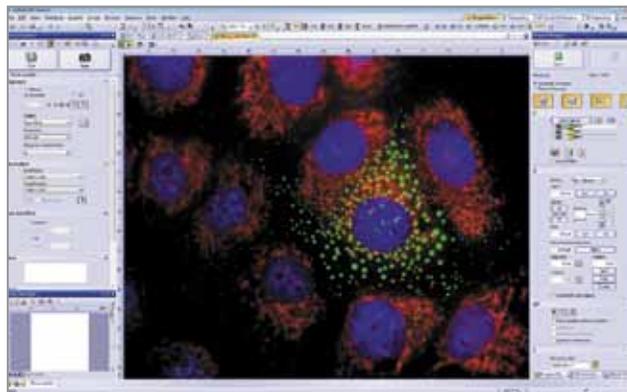
Touch Panel Controller

- Easily control complex microscope functions—IX3 touch panel controller allows for one-touch switching of complex observation methods
- One button touch to engage autofocus



cellSens® Software

- Olympus cellSens® offers a highly configurable interface, making it accessible and easy for new users while providing powerful tools that advanced users require



**cellSens is not for clinical diagnostic use*

Well Navigator Module

- Multi-well plate acquisition made easy—the new Well Navigator Module for Olympus cellSens allows for simple, yet masterful acquisition of images from multi-well plates

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OLYMPUS

OLYMPUS AMERICA INC.
3500 Corporate Parkway, Center Valley, PA 18034-0610, U.S.A.
OLYMPUS CANADA INC.
25 Leek Crescent, Richmond Hill, Ontario L4B 4B3

OLYMPUS LATIN AMERICA INC.
5301 Blue Lagoon Drive, Suite 290 Miami, FL 33126, U.S.A.