



CytoWorks 200

The CytoWorks 200 imaging system combines a compact stage top incubator, a high sensitivity camera, and a microscope with an easy to use software package to deliver powerful results in an affordable package.

By speaking with our customers, we have put together the critical components for the most economical starting point to getting good results with a live-cell imaging system.

We think you'll agree that everything you need to conduct your research more quickly and effectively is built into CytoWorks 200.

Options

- Phase Imaging with or without Kairos' proprietary meniscus compensation (patent pending)
- Multiple fluorescent colors with different cubes
- Reduced oxygen environment
- Humidity control for long term imaging
- Fluidics system with ports for fluid introduction or removal
- Dual plates & environmental chambers allowing dual research environments
- Plate holders for slides, zebrafish mounts, cell culture plates, and additional special plates (such as MatTek)
- Online monitoring during image acquisition as experiments are running

Environment/Control System

- Works with any standard size multi-well plate
- Environment is controlled, typically at 5% CO₂ and 37°C
- High positional repeatability ensures that machine returns to same position every time

KEY FEATURES

Imaging

- Takes brightfield and fluorescent images
- Optical path accepts Nikon and Olympus cubes
- Uses standard Nikon and Olympus objectives from 4x to 40x
- LED source illumination for both brightfield and fluorescence
- Works with any C mount camera from basic to high-end cooled CCD models
- Shutterless design removes the highest failure rate item in typical automated imaging systems

RELIABLE

CytoWorks 200 is designed to run experiments indefinitely, 24/7. The stage-top incubator provides the same regulated environment as full-sized tissue culture incubators.

POWERFUL

Imaging tools one would expect in a far more expensive system. Scan hundreds of locations, thousands of times without compromising quality.

CUSTOMIZABLE

Designed to specific customer requirements.

Kairos Instruments, LLC
520 William Pitt Way
Pittsburgh, PA 15238

info@kairosinstruments.com

412.519.9613