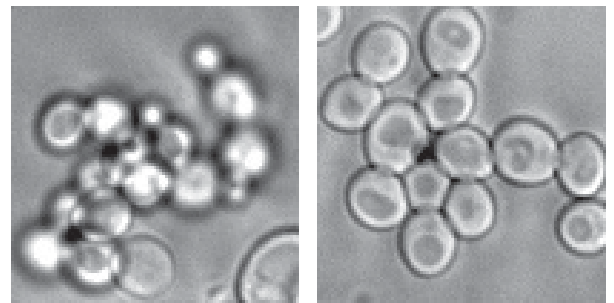
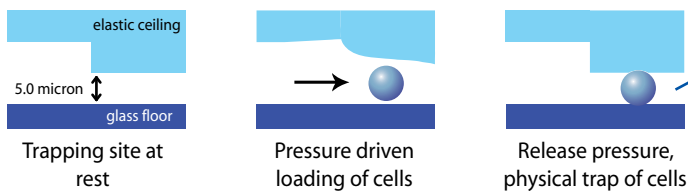


ONIX™ Microfluidic Plates for Yeast

ONIX™ Y Series Microfluidic Experiment Plates are specially designed for time-lapse imaging of yeast. The plates are easy to use, cutting down prep time to under 5 minutes to eliminate the hassles of agar pads and flow cells. The unbeatable combination of a user friendly interface and advanced microfluidic technology make the ONIX the best live cell imaging technology for yeast.

Perfect Cell Focus

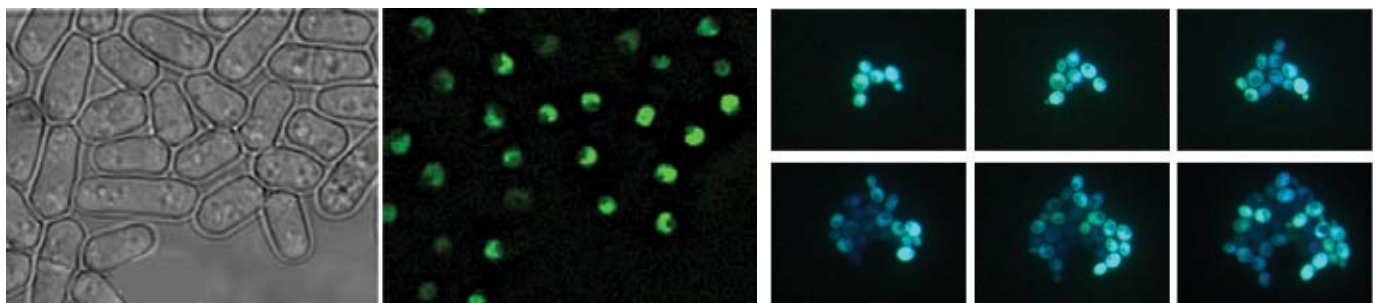
Innovative “trap” design keeps cells in a uniform focal plane. Cells maintain their position during media flow for perfect focus at all times.



Regular Slide

ONIX

The ONIX™ is ideal for tracking and quantifying fluorescence signals.



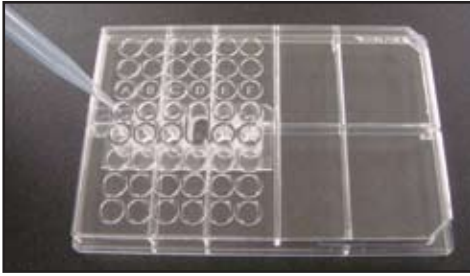
S. pombe

S. cerevisiae

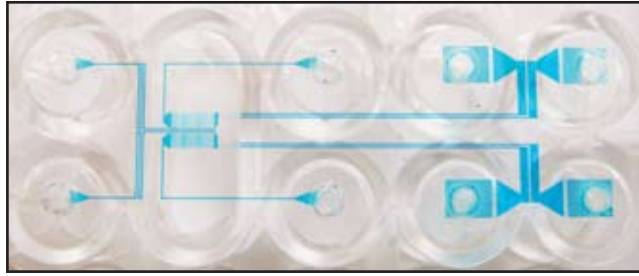
Study Examples

- GFP/CFP/YFP Expression
- Protein Localization
- Nuclear Shuttling
- Time Lapse Movies
- Toxicity Assays
- Cell Cycle Analysis
- Mother/Daughter Cell Tracking
- And many more

1. Pipet cell samples and media solutions into wells



Independent flow units allow multiple experiments to be run at the same time

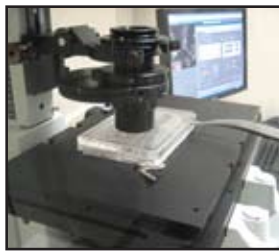


Wells lead to microfluidic channels and imaging chambers on a #1.5 thickness glass coverslip surface

2. Seal manifold to plate and place on microscope

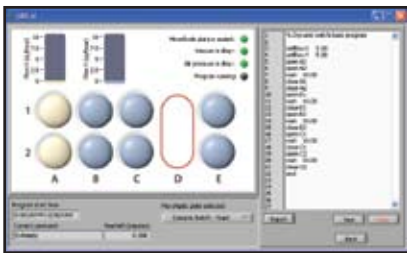


ONIX Flow Controller Manifold seals to microfluidic plate



Easy integration into your current microscope system

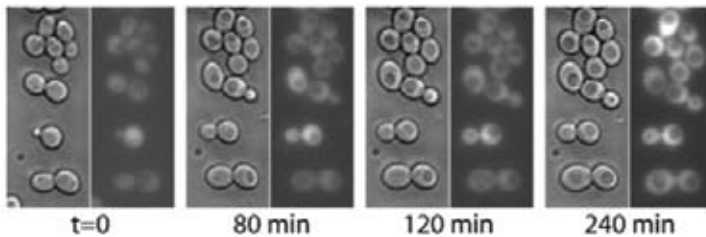
3. Program media exposure protocol



Schedule time-varying flow inputs.

Simple user interface gives the flexibility to cycle different media solutions and create automated exposure programs.

4. Perfuse and image



Run programmed flow protocol and begin imaging. Record time-lapse movies without manual supervision.