



A new dimension for cell monitoring

## How can we help you?

Progress in biotechnology requires progressive technology. Our unique technology can provide you with a smart solution for cell monitoring. Based on the combination of our digital holography microscopes and machine-learning platform, our automated system provides real-time and quantitative information about your cells, all without a drop of dye.

Take your research to the next level: leave monitoring to the computers and thinking to the people.

Features include:

- Quantitative phase imaging
- Label-free, non-invasive measurements
- Automated monitoring

Applications include:

- Cell counting, including viability
- Cell phenotyping
- Viral infection kinetics



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# How does our technology work?

Our patented technology is based on digital holographic microscopy, using partially coherent light to create 3D images of cells in suspension.

Whatever the purpose of your activity, Ovizio's microscopes and software can be adapted to suit your needs, providing you with an intelligent online monitoring solution for your cell culture.



## OsOne

### Machine learning platform

Our AI-based software is built into all our microscopes for easy data acquisition and thorough quantitative data analysis.



## iLineF

### Microscope

This microscope will revolutionize the way you monitor your cells in suspension. It provides continuous and automatic monitoring of cultures, tracking each one of your cells in real-time, in a reliable and efficient manner.



## BioConnect

### Sampling probe

Cells flow through the imaging device in a temperature-controlled environment while being continuously imaged. After the holograms of the cells have been captured, the cells flow back to the bioreactor.



## QMod

### Microscope module

Upgrade your current brightfield microscope with our QMod to add a new dimension to standard cell monitoring in transparent supports. Combine holographic and fluorescence microscopy to take your cell imaging to the next level.