






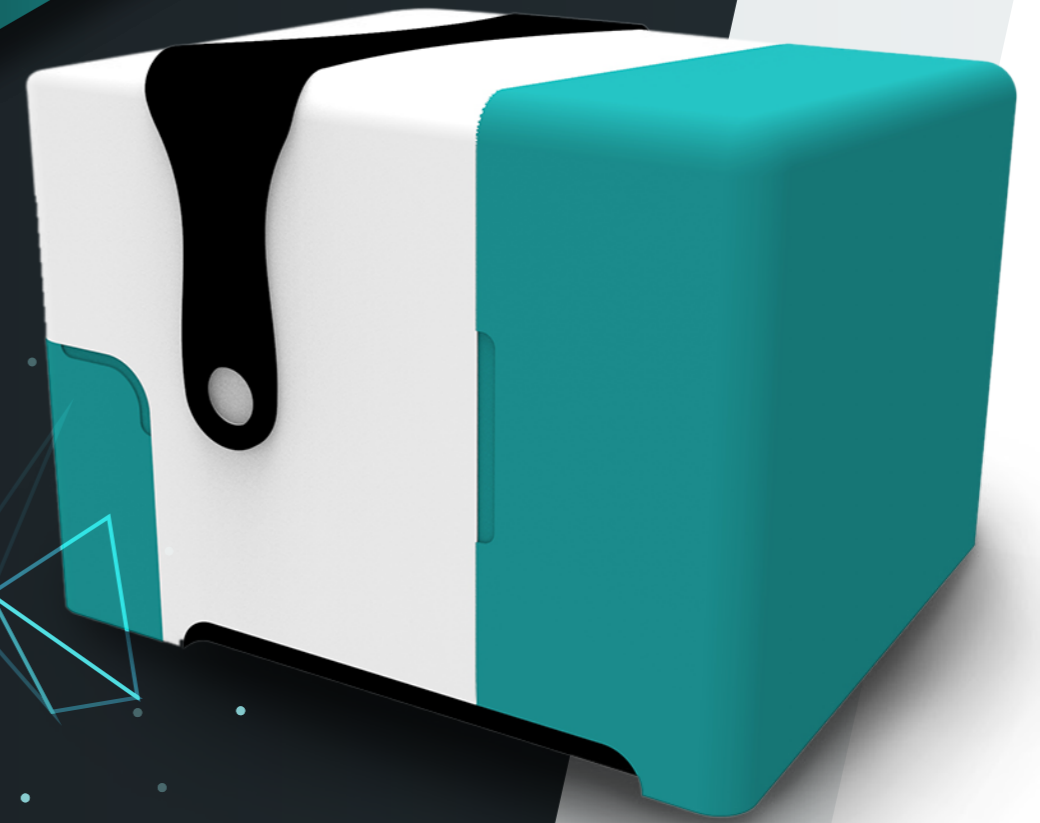
For further informations and place an order

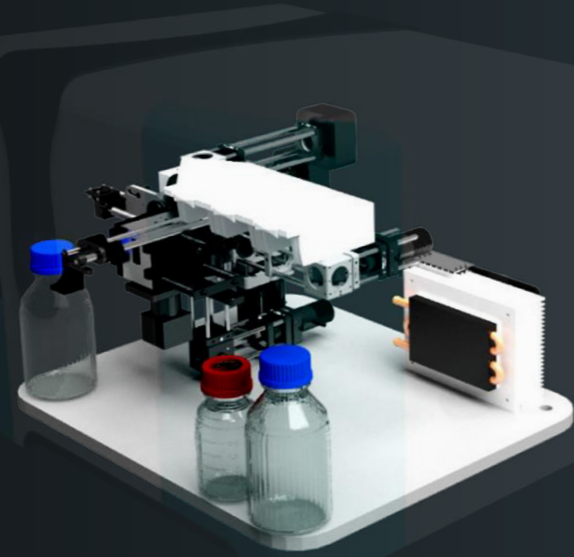
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FLOATING 4D BIOLOGY





INNOVATIVE TECHNOLOGICAL CONVERGENCE

- Microfluidic sample isolation and adaptive focusing;
- Suspension 3D cell culture;
- Contamination-free, temperature & atmosphere -controlled environment;
- Time saving automated protocols setting;
- Time-lapse imaging with advanced customizable microscopy.



Credits:
Olympus Life Science

“
Definitely, the best device for **3D Biology** on the market, now.”

KEY ELEMENTS

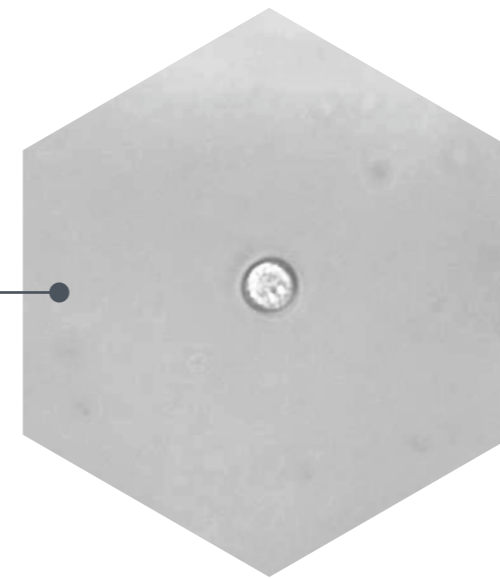
CELLviewer disposable chip traps single cells or cluster of cells by microfluidics.

No cell contact with non biological surfaces, minimal physical stress.

Patented Feedback mechanism within optical and microfluidic systems adjusts cell position to the desired location.

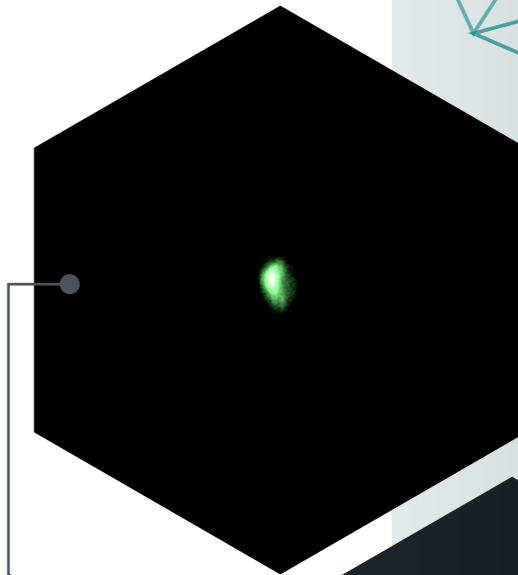
IMAGING

Advanced and customizable optics:
High-content analysis

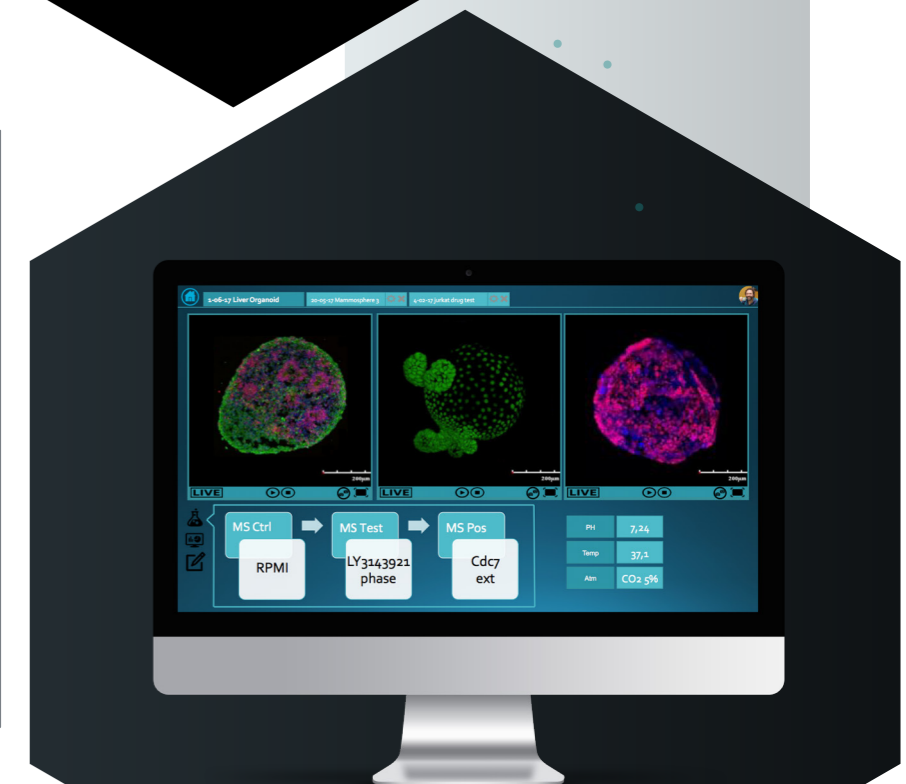


Cell Type: Jurkat
Experiment Duration: 2,5h
Optics: Brightfield, 20X

Cell Type: Jurkat
Probe: Vybrant Cell-Labeling Solutions
Experiment Duration: 2,5h
Optics: FITC filter, 20X



Credits:
Azzurra Sargenti,
Ph.D. University of Bologna,
Department of Pharmacy &
Biotechnology.



TECHNICAL SPECIFICATIONS

Optics	Magnification: 20X; Illumination: Brightfield, Phase Contrast, EPI fluorescence.
Fluidics	Disposable Microfluidics PDMS Chips.
Hardware	Integrated temperature and atmosphere controller, Gas tank.
Software	Optical alignment technology. Full Data Storage: Cell parameters, cell tracking; Automatic report generation; Remote control of culture conditions and time lapse evolution.
Installation requirements	Dimensions: 60 X 50 X 40 cm (W X D X H), Weight: 25 kg. Environment: 15° - 30°C, 80% RH, Power: 230VAC (EU); 110VAC (USA).