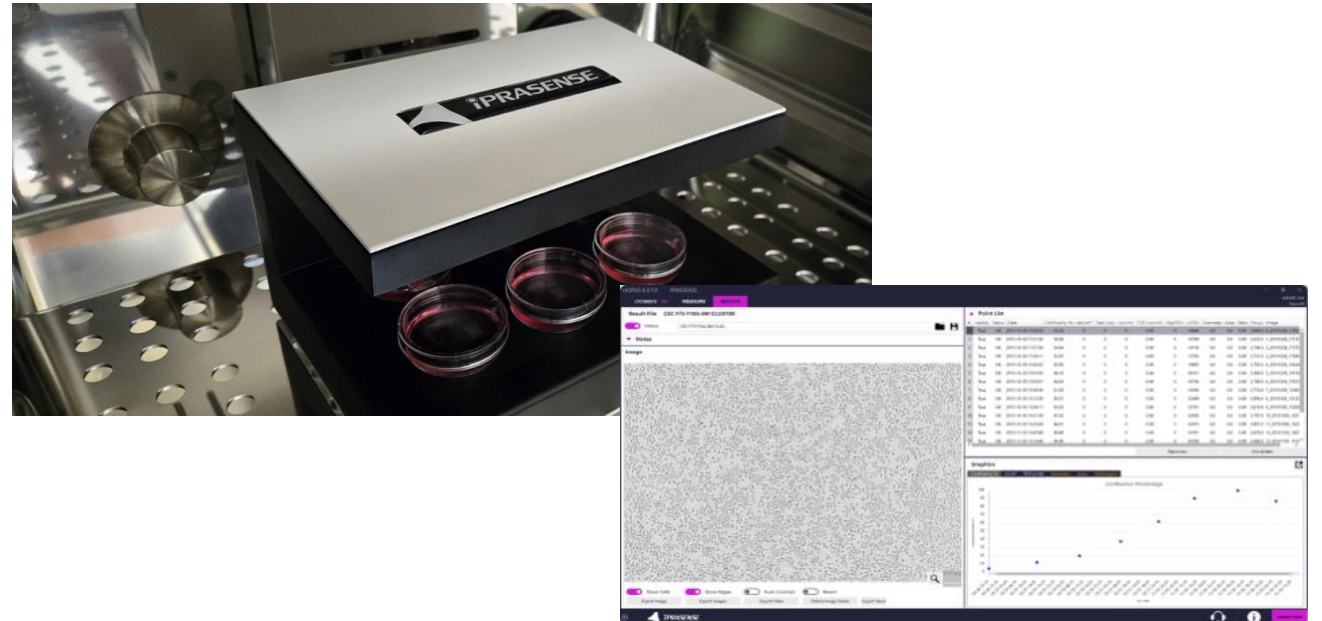


Automated system for visualization of live cell in an incubator CYTONOTE 6W Iprasense technology, Horus software

CYTONOTE technology – revolution in living cell imaging. It uses patented lens-less imaging technology integrated into an extremely compact device that easily fits into any cell culture incubator. The CYTONOTE product line simplifies the technique of live cell visualization and turns expensive microscopes into an affordable and effective solution. Thanks to innovative lens-less technology with an ultra-wide field of view, the device captures and analyzes thousands of cells simultaneously, without the need for focus or illumination adjustments.

CYTONOTE technology and Horus software offer real-time recording of live cell movies and analysis of various cell cultures such as confluence and growth, automatic generation of proliferation and migration curves, detailed characterization of cell morphology and population, real-time tracking of individual cells, etc.

Applications for the discovery of more effective chemotherapeutics. Screening of the cytotoxicity of new substances in various cancer cell lines.



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Zetasizer Nano ZS Malvern Panalytical, DLS

Zetasizer Nano ZS is a highly efficient analyzer with two angles of measurement of physicochemical parameters of **particles in solution, zeta potential and size.**

Samples can be measured at very low or high concentrations by dynamic light scattering (DLS) with the “NIBS” optics. Sizes can be measured in the range of 0.3 nm to 10 μm . Zeta potential can be measured in the range of 3.8 mV to 100 mV.

A variety of disposable and reusable cuvettes are used, allowing measurement optimization based on sample volume, concentration, and flow-through measurements.

Applications: characterization of nanomaterials for biomedical applications.

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