NanoEntek JuLI™ Stage Real-Time Cell History Recorder is a Real-Time CHR (Cell History Recorder) designed for live cell imaging and analysis. This live imaging device allows high-quality imaging with different focuses on *z* planes, for a total of 3 different colours and on selected areas of each well in different vessels. It is designed to support cell biology researchers to approach kinetic images and data from the start to the end so that they can save time and can focus on more advanced and valuable work for their research.

Features

- A fully automated x-y-z stage and multi-channel fluorescent colours to acquire cell images and videos from various cell culture plates (up to 384wells) and dishes in an incubator.
- Image-based analysis for a bright field, enables users to obtain quantified cell confluence results with low variations as well as the growth curve.
- Incubator-compatible.
- Interchangeable objective lens (4x, 10x, 20x).
- Manual and auto-focusing.
- Compatibility with various planes and vessels.
- Data management with all-in-one PC.

Applications

- Fluorescence expression
- Cell proliferation, apoptosis and cytotoxicity
- Wound healing
- 3D-spheroid culture
- Differentiation of neurons
- Angiogenesis