

Thermo Scientific Cellomics *i*DEV Software

High content assay development environment

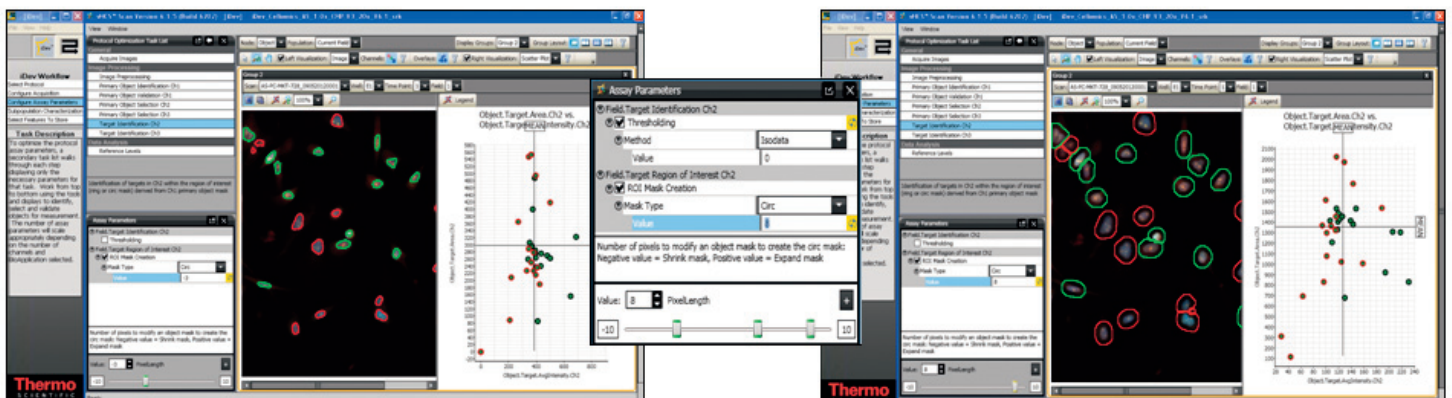
Thermo Scientific Cellomics *i*DEV software is a truly immersive, assay development experience providing a guided workflow with visual feedback on multiple biological states in parallel. Interactive “slider bar” controls allow users to modify parameters and see changes in real time, displayed at both the image processing and resulting data levels. *i*DEV simplifies creating and optimizing your High Content assays and increases productivity.

Intuitive, Interactive, and Intelligent Assay Development

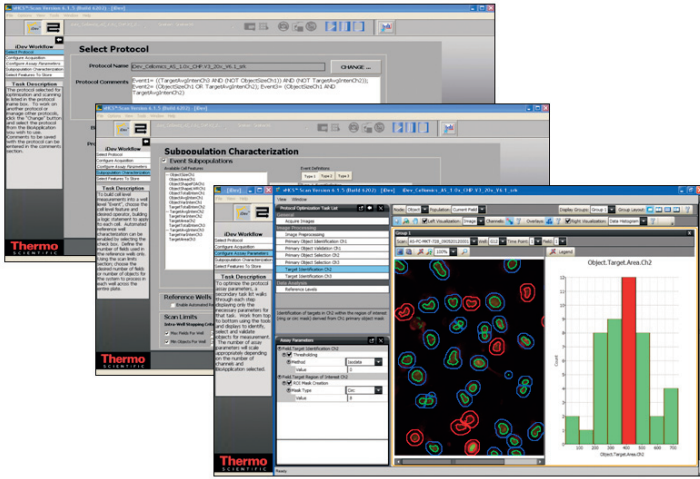
The new Thermo Scientific Cellomics *i*DEV software is part of High Content 2.0, the next generation of hardware and software from the originator of High Content Analysis. It is the evolution of our approach to developing and optimizing cell imaging assays for scientists in life science, from basic research to drug discovery. *i*DEV™ combines an intuitive, step-by-step assay setup with a more image centric approach to assay design and optimization, including an industry first “Easy Assay Optimizer” feature which enables multiple groups of biological states to be addressed simultaneously. The software is designed for the rigors of multi-user environments and provides even the occasional user with the means to efficiently and effectively develop cell imaging assays.

Features

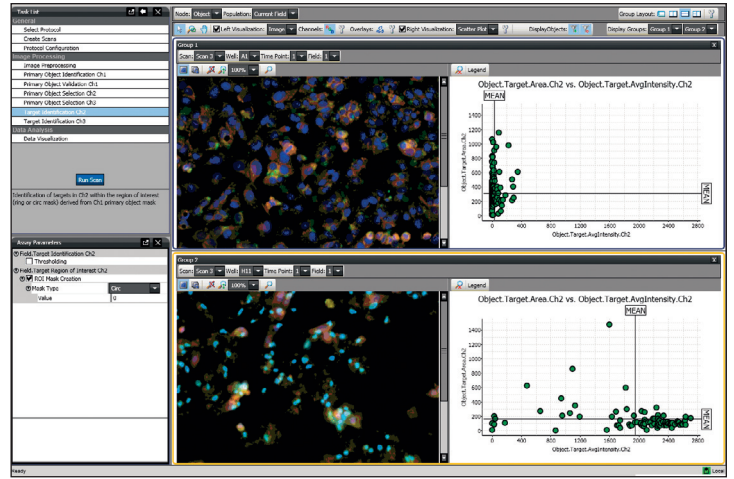
- Guided workflows for assay protocol setup, image acquisition, analysis and scanning
- Streamlined user interface organizes parameters by function, channel, etc.
- Digital microscope mode allows you to interact with your sample
- Multiple groups of images (representing biological states to be addressed) can be collected and processed simultaneously
- Simplified manipulation of analysis parameters using radio buttons and slider bars for instant feedback on changes
- Real-time, interactive visualized results at both image processing and cell data level
- Statistics driven identification of the most relevant output features
- Whole platform compatibility on your instrument or as virtual High Content Toolbox on your PC



Interactive Assay Development Feedback



Intuitive Assay Development Workflow



Intelligent Assay Development Optimization

Benefits

- Reduces the learning curve for new and occasional users resulting in less training in multi-user environments
- Dramatically increases understanding of parameters and their impact on image analysis
- Intuitive interface organization results in a more logical approach when developing multiplexed assays
- Easy set up and image acquisition in minutes
- Visually and interactively develops your high content assays, leveraging your biological expertise
- Builds better assays using the most robust and relevant combinations of measurements
- No specialist computing infrastructure required, reducing the total cost of ownership compared to other systems that utilize grid, or multi-processor arrays

Ordering Information

Product Name	Catalog Number	Description
Upgrade – Thermo Scientific Cellomics iDEV Intelligent Assay Development Software for High Content Analysis (Instrument Configuration Only)	N01-S40-0100	The Thermo Scientific Cellomics iDEV Intelligent Assay Development Software for the Thermo Scientific ArrayScan VTI provides a task oriented interface for operating the ArrayScan™ VTI HCS Reader. This software permits users to progress through critical activities such as acquiring, developing, optimizing and scanning a live plate or images to High Content data. iDEV is compatible with the latest version of the Thermo Scientific Cellomics BioApplication portfolio.
Upgrade – Thermo Scientific Cellomics iDEV Intelligent Assay Development Software for High Content Analysis (Toolbox Configuration Only)	N01-S40-0101	The iDEV Intelligent Assay Development Software for the vHCS Toolbox provides a task oriented interface for operating the ArrayScan VTI HCS Reader. This software permits users to progress through critical activities such as acquiring, developing, optimizing and scanning a live plate or images to High Content data. iDEV is compatible with the latest version of the Thermo Scientific Cellomics BioApplication portfolio. Requires N01-S40-0100 to be purchased.

Technical Specifications

Operating System	Windows® XP, service pack 2 or higher
Cellomics Store	Version 1.4.2 or higher, Oracle® 10g or higher, SQLServer® 2005
HCSApplications Server	Version 1.5.1973.41 or higher
Processor	2 Ghz or higher
Memory	1 GB or higher
Hard Drive Space	50 Mb for software