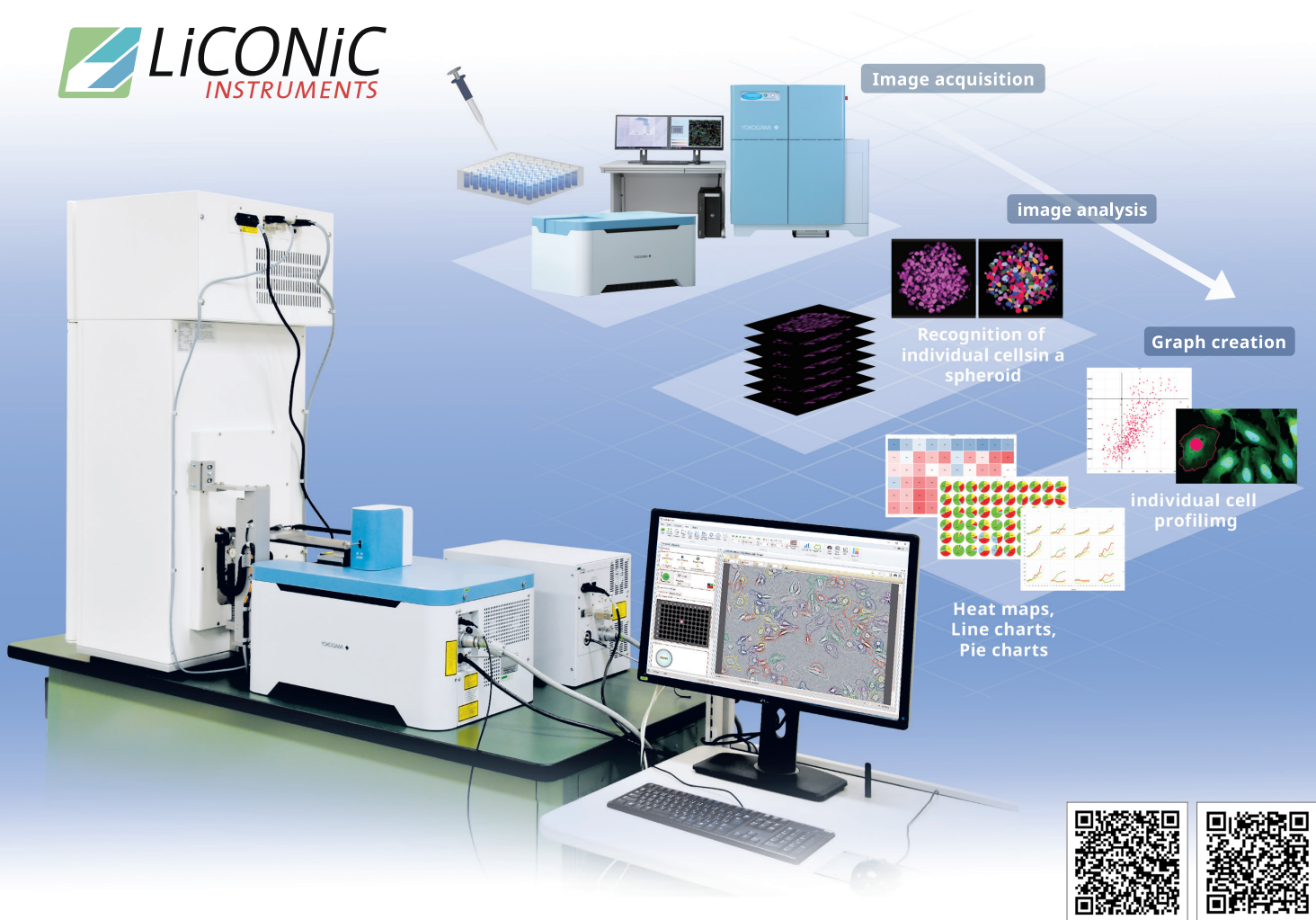


High Content Live-cell Analysis System with robotic handling

Designed for High Content Imaging Power-Users

- Continuous imaging (Big Data!) acquired 24/7
- Programmable operation, from image acquisition to analytics



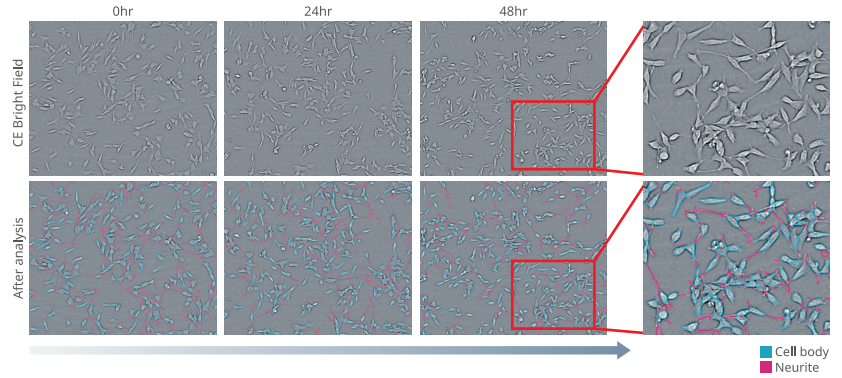
Features

- Integrated and compact automated system
- Robust environmental chambers for incubation and imaging
- Trusted low photo-toxicity specifications
- Flexible image modality, Fluorescence and/or CE Bright field
- Powerful Label-free (CE Bright field) imaging and analysis

Application Example

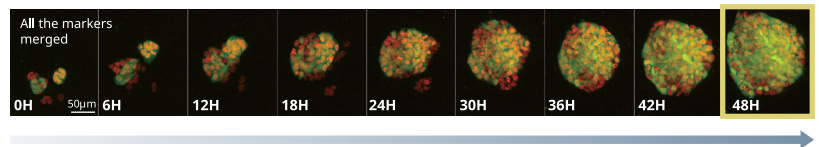
Neurite Outgrowth of SH-SY5Y cell

Neurite Outgrowth is a live-cell assay with sensitive and critical requirements addressed by the integrated Yokogawa / LiCONic system.



Differentiation of ES cell colony

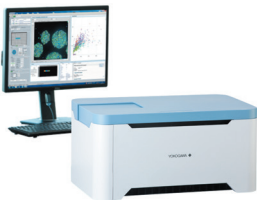
Spheroid/Organoid growth with biomarker identification is a popular live-cell assay for which the integrated Yokogawa / LiCONic system is well suited.



Specifications

High content imaging system
Confocal Quantitative Image Cytometer

Cell Voyager CQ1



	High Content Imaging System CQ1
Optics	Microlens enhanced dual wide Nipkow disk confocal / Bright field
Laser	Max. 4 lasers, 405,488,561,640nm
EM Filter	Max. 10 filters
Camera	sCMOS 2560x2160 pixel, 16.6x14.0mm
Objective lens	Max.6 lenses Dry : 2x, 4x, 10x, 20x, 40x , 60x Long working distance : 20x, 40x Phase contrast : 10x, 20x
Sample vessel	Microplate (6,12,24,48,96,384,1536well) Option (glass slide, cover glass chamber, 35mm dish, 60mm dish)
Stage incubator	Controllable temperature range : Room temperature +5 – +17 oC, Max.40 oC CO2 concentration : Atmospheric concentration – 7 % O2 concentration : 3 % – Atmospheric concentration
Workstation	Measurement workstation and analysis workstation
Analysis software	High content analysis software CellPathfinder™

Incubator Series
iSeries

Plate Hotel Series
LiCotel



STX44	LiCONic StoreX Series (STX44, STX110, STX240, STX280, STX500, STX1000)
Capacity	44 rack or plate positions in 2 removable cassettes
iMotion	Fast intelligent speed with motion control
Compact design	Plug & play system
Barcode Reader	Ultra-stable readings by novel Stop-and-Go motion
n-Way decontamination	Best contamination prevention with Liconel in critical areas, humidity injection and easy access
Touch panel –iSeries	Full graphic control and parameter overview
Options	Fast Gasing (CO2,N2, O2), Easy Clean, Shaking, Docking Shuttle, etc.
Accessories	Different Transfer Stations available, Gripper Station, custom designed cassettes
More information	www.liconic.com

◆Contact Information

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