

Instruments you can customize to fit your fluorescence experiments



Choose from over 20 interchangeable light cubes

Our systems are uniquely suited to match the dynamic needs of your workflow with instruments that are:

- **Modular**—quickly customize the fluorescent colors with interchangeable light cubes
- **Compact**—conserve valuable lab space with a small footprint and sleek design
- **Affordable**—low cost of ownership and operation

All three platforms use revolutionary Invitrogen™ EVOS™ LED light cubes that are interchangeable, have plug-and-play capability, and can be easily transferred between instruments.



Countess™ II FL Automated Cell Counter

Fast and accurate cell counting with fluorescence

Count cells, monitor fluorescent protein expression, and measure cell viability in 10 seconds. A reusable glass slide is available to reduce the long-term consumable costs.

Fluorescence channels: Up to 2 fluorescent channels in addition to brightfield.

Countess II FL: Cat. No. AMQAF1000



EVOS™ FL Cell Imaging System

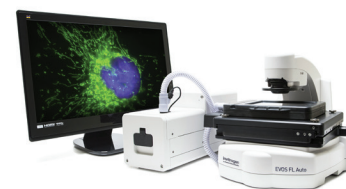
Simple fluorescence imaging with increased flexibility

Designed for a broad range of applications including, but not limited to, multiple-channel fluorescence imaging, protein analysis, pathology, cell culture, and *in situ* imaging.

Fluorescence channels: Up to 4 fluorescent channels in addition to brightfield.

EVOS FL: Cat. No. 12-563-460

EVOS FL Color: Cat. No. 12-563-340



EVOS™ FL Auto Cell Imaging System

Time-lapse imaging at high resolution

This fully automated, digital, inverted multi-channel fluorescence and transmitted-light imaging system is designed for a broad range of applications. The Invitrogen™ EVOS™ FL Auto Imaging System with EVOS™ Onstage Incubator enables time-lapse imaging of live cells.

Fluorescence channels: Up to 4 fluorescent channels in addition to brightfield.

EVOS FL Auto: Cat. No. 12-463-377

Onstage incubator: Cat. No. 12-563-550

invitrogen

EVOS light cubes integrate LEDs and high-performance filters in a novel illumination system that delivers precise control, minimal maintenance, and exceptional reliability.



These interchangeable LED cubes provide:

- Shorter light paths for more efficient fluorescent detection
- Longer bulb lifetime (>50,000 hours) for lower maintenance costs
- Adjustable light intensity to minimize photobleaching
- Continuous light intensity for more consistent results

The table below lists some of the most commonly used light cubes. There are more than 20 to choose from.

Common fluorescent light cubes

Light cube	Excitation (nm)	Emission (nm)	Common compatible dyes/fluorescent proteins	Cat. No.
DAPI	357/44	447/60	DAPI, Hoechst, BFP	12-563-469
TagBFP	390/18	447/60	TagBFP	12-563-571
CFP	445/45	510/42	ECFP, Lucifer Yellow	12-563-472
GFP	470/22	510/42	GFP, Alexa Fluor™ 488, SYBR™ Green, FITC	12-563-470
YFP	500/24	524/27	EYFP, acridine orange	12-563-473
RFP	531/40	593/40	RFP, Alexa Fluor™ 546, Alexa Fluor™ 555, Cy®3, DsRed, Rhodamine Red, dTomato	12-563-471
Texas Red™	585/29	624/40	Texas Red, Alexa Fluor™ 568, Alexa Fluor™ 594, MitoTracker™ Red, mCherry	12-563-474
Cy®5	628/40	692/40	Cy®5, Alexa Fluor™ 647, Alexa Fluor™ 660, DRAQ5™	12-563-475
Cy®5.5	655/46	794/16	Cy®5.5	12-563-583

For a complete list of available common and specialty light cubes, go to thermofisher.com/evoslightcubes

Find out more at thermofisher.com/evoslightcubes



In the United States:

For customer service, call 1-800-766-7000
To fax an order, use 1-800-926-1166
To order online: fishersci.com

In Canada:

For customer service, call 1-800-234-7437
To fax an order, use 1-800-463-2996
To order online: fishersci.ca

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