

# Even more to

# LOVE



EVOS® XL Core | EVOS® XL | EVOS® FLoid® | EVOS® FL | EVOS® FL Auto

## EVOS® cell imaging systems

Smarter systems | Easier cell imaging | Faster results

*life*  
technologies™

# Eliminating the complexities of microscopy

An EVOS® system is a must-have in your lab for cell imaging—whether you're capturing images for publication, teaching, or research.

From cell culture to complex protein analysis and multi-channel fluorescence imaging, EVOS® cell imaging systems help you perform a variety of routine and specialty applications.

Our proprietary LED light cube technology minimizes photobleaching, offers >50,000 hours of LED illumination, and allows adjustable intensity—with no darkroom and no consumable costs.

## Improved workflow

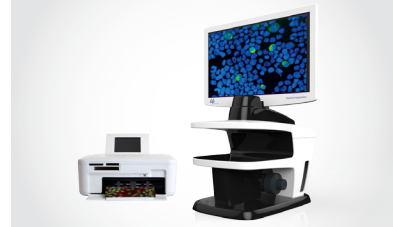
EVOS® systems are designed to work together—from the initial cell culture check (for viability and morphology) to more complex analyses such as time lapse and image tiling and stitching. An EVOS® system will allow you to spend more time analyzing images—and less time trying to capture them.



EVOS® FL Auto system



EVOS® FL system



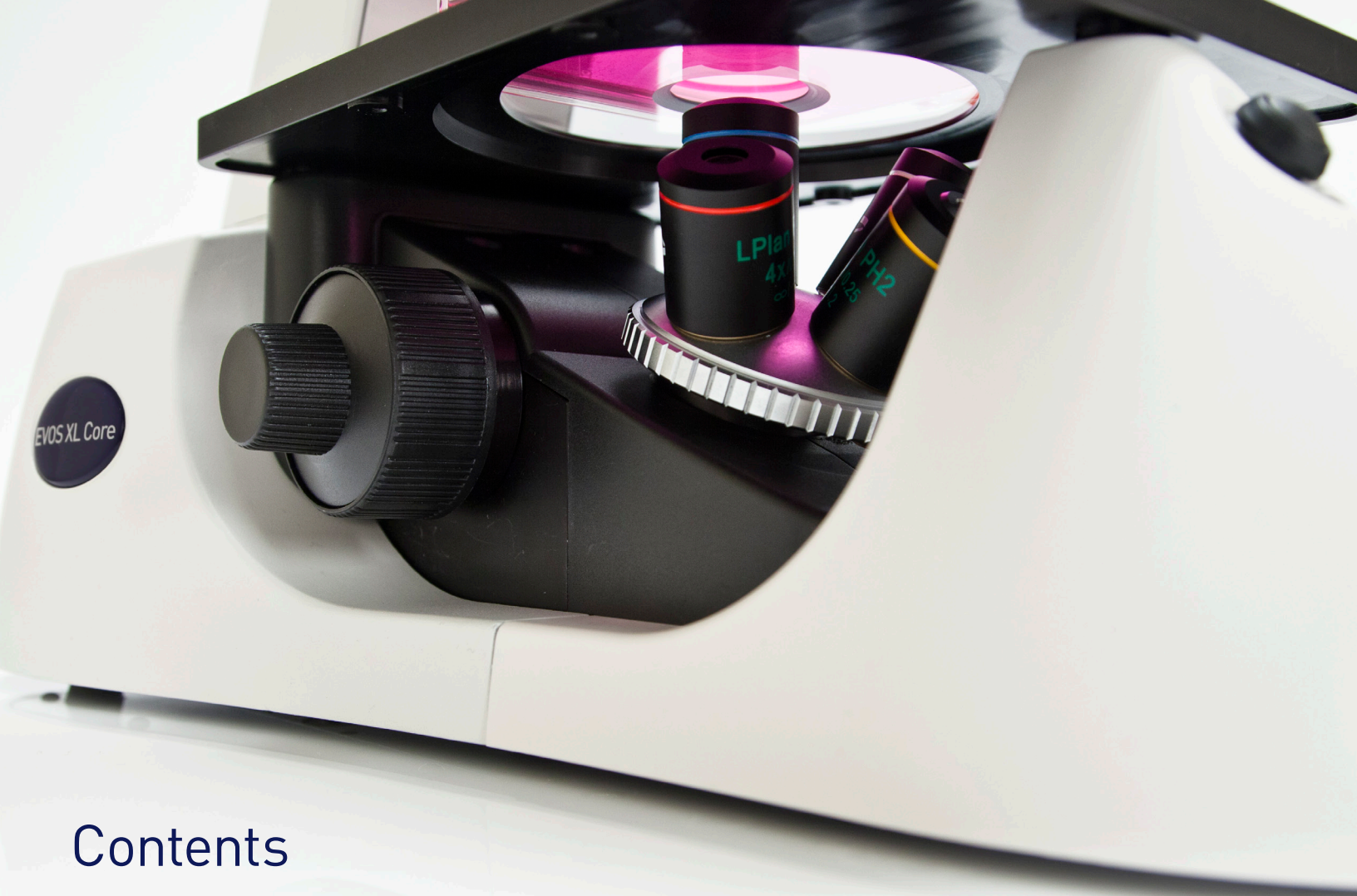
EVOS® FLoid® station



EVOS® XL system



EVOS® XL Core system



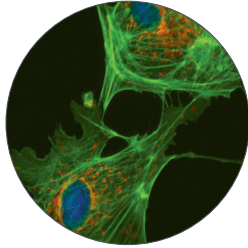
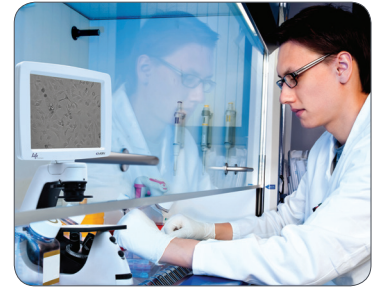
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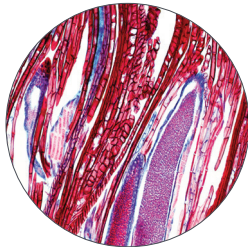
# Compact and portable systems

Now you can have easy-to-use cell imaging where you want it, when you want it. Simply place your EVOS® Cell Imaging System at your desired location, flip the switch, and you'll be ready to go in typically under 2 minutes.

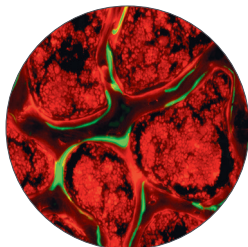
From intimate hands-on demonstrations to lecture halls, EVOS® Cell Imaging Systems are the perfect system for teaching—whether your audience is large or small.



Bovine pulmonary artery endothelial cells, 60x oil objective. Light cubes: DAPI, GFP, Texas Red®



Moss antheridial head polytrichum, 40x objective.



Osteoblasts in bone coverslip corrected objective. Light cubes: Cy®7, Texas Red®

## Publication-quality imaging

In today's competitive scientific environment, generating publication-quality images is critical to your success. To help ensure you get the publication-quality images you need, EVOS® systems give you top-of-the-line imaging components, including:

- High-quality camera and optics to capture high-resolution images
- LED illumination to produce superior signal-to-noise ratios
- Easy-to-use image capture and processing software for ready-to-publish images

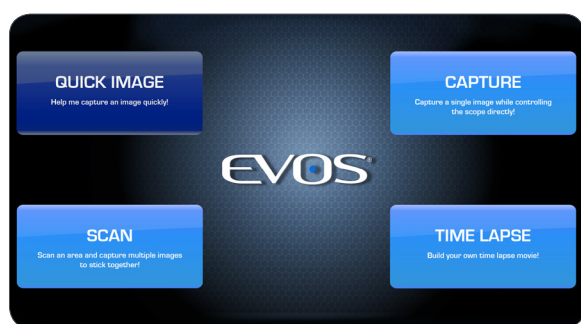
## Technology that's better for our environment

Traditional fluorescence microscopy light sources use mercury, a toxic carcinogen requiring special handling and disposal. By using LED light sources, EVOS® systems do not require these special steps and are thereby more environmentally friendly and energy efficient.



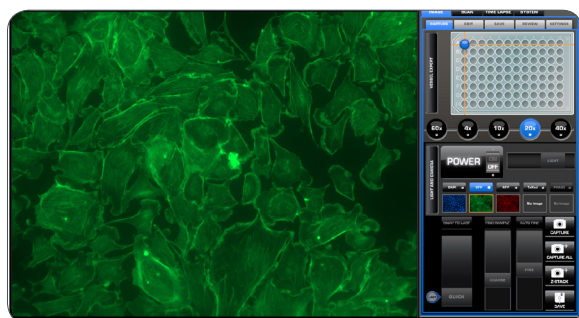
## Automation technology—now available for all

Until now, the power of automated fluorescence was only available to laboratories with extensive funding and highly trained technicians. Today, the EVOS® FL Auto system's intuitive user interface and wizard-based software make automation technology accessible to all researchers and labs of all sizes and budgets.



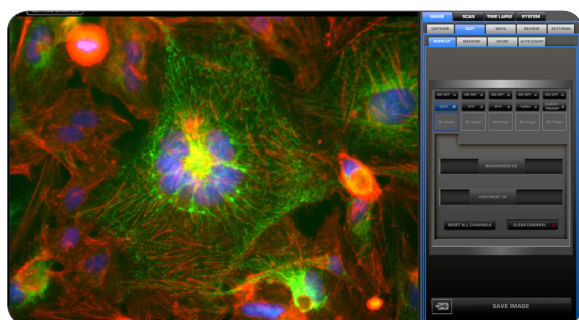
### Easier

- Wizard-based software walks you through image acquisition
- No more countless hours of training. With wizard-based software, results are never more than a few steps away. Simple questions about your sample and its preparation help guide you from start to finish.



### Smarter

- Automation that works for you—intuitive touch-screen controls and setting recall capability
- Whether driving the stage, adjusting focus, memorizing sample positions, changing objectives, or switching between light cubes, EVOS® automation technology does it all. You can even set up and save routine experiments and recall them at the touch of a button.



### Faster

- Improved productivity and throughput give you more time to analyze images
- You're in the driver's seat from basic multi-channel overlay images to entire multi-well plate scans. EVOS® instrument automation gives you options that let you spend more time analyzing images and moving your projects forward.

# The power of LED illumination

All EVOS® fluorescence cell imaging systems utilize LED light sources. That means you get high-intensity output over a short light path for the most efficient fluorophore excitation.

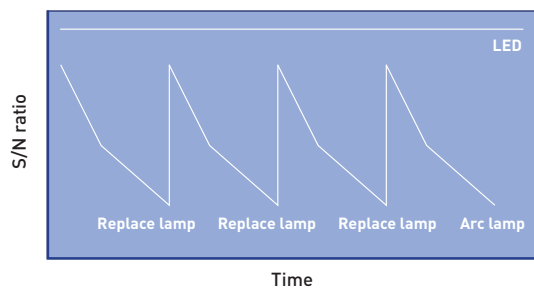
- Shorter light path provides better detection of fluorescent signals
- Continuous illumination gives consistent results
- >50,000-hour bulb lifetime lowers your laboratory costs
- Adjustable light intensity reduces photobleaching

## Revolutionary light path

By placing the LED light cube as close as possible to the objective turret, the number of optical elements in the light path is minimized. High-intensity illumination over a short light path increases the efficiency of fluorophore excitation, providing better detection of weak fluorescent signals.

## Stability comparison

Mercury and metal halide vs. LED

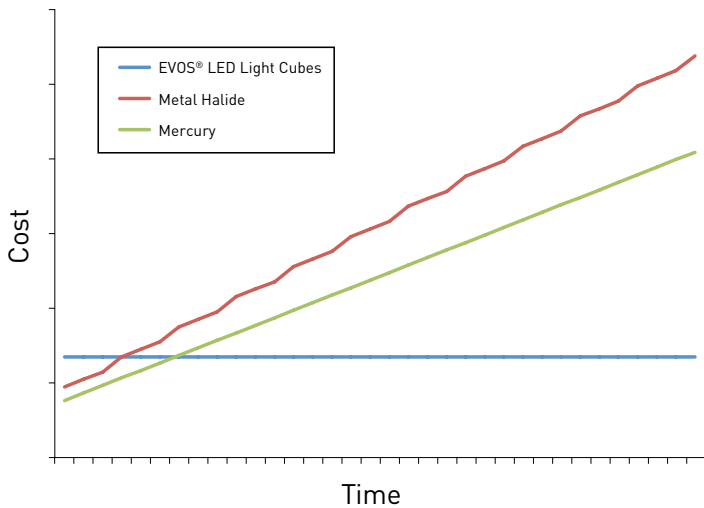


## Continuous light intensity

Mercury arc lamps can decrease in intensity by 50% in the first 100 hours of operation—plus, images acquired in different sessions cannot be quantitatively compared using mercury illumination without complicated calibrations. Because EVOS® systems have continuous light cube intensity, users can rely on consistent illumination and can compare quantitative results from images acquired on different days.



## Illumination costs over time



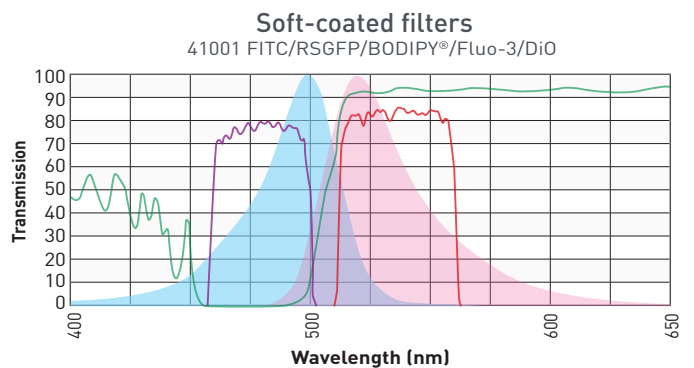
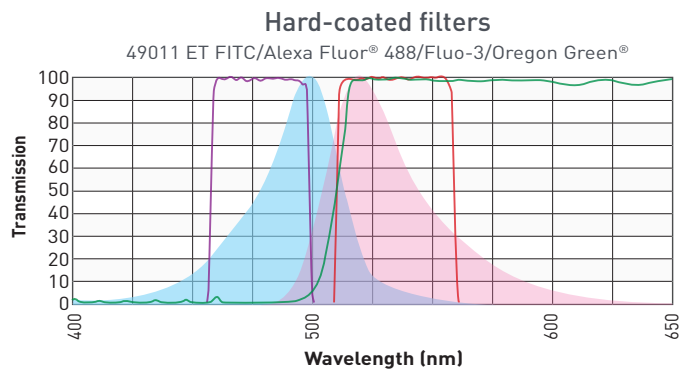
## Less expensive to own and maintain

The LED bulbs on the EVOS<sup>®</sup> systems are rated for >50,000 hours (~17 years), compared to 300 hours for a typical mercury bulb (1,500 hours for a metal halide bulb). That means a 70–75% savings in the overall upkeep of your instrument.

## EVOS<sup>®</sup> hard-coated filter sets for higher transmission efficiencies

Hard-coated filter sets are more expensive, but they have sharper edges and significantly higher transmission efficiencies that typically result in >25% more light transmission than traditional soft-coated filters. With the EVOS<sup>®</sup> system's hard-coated filter sets, your light cubes cost less over time. Plus, you will have brighter fluorescence, higher transmission efficiencies, the ability to detect faint fluorescence signals, and better signal-to-noise ratios.

## Transmission efficiency comparison



Superior transmission efficiencies are observed by using hard-coated filters on the EVOS<sup>®</sup> instruments compared to soft-coated filters. Excitation filter (purple), emission filter (red), dichroic mirror (green); Alexa Fluor<sup>®</sup> 488 excitation (blue), Alexa Fluor<sup>®</sup> 488 emission (pink).

# Cell imaging you can master in minutes

Unlike other systems, your EVOS® instrument combines all aspects of a digital inverted microscope workstation into a single compact device. You can turn it on with one switch and master it in minutes.

## Routine and complex experiments

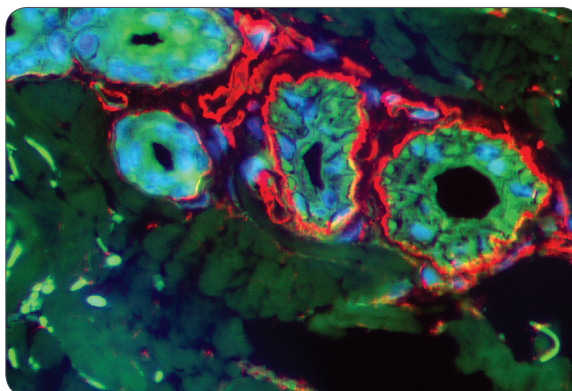
- Fluorescent cell analysis (tagging, immunohistochemistry, *in situ* hybridization probes)
- Multi-channel fluorescence imaging
- Transfection efficiencies
- Time-lapse studies

## Cell culture and maintenance

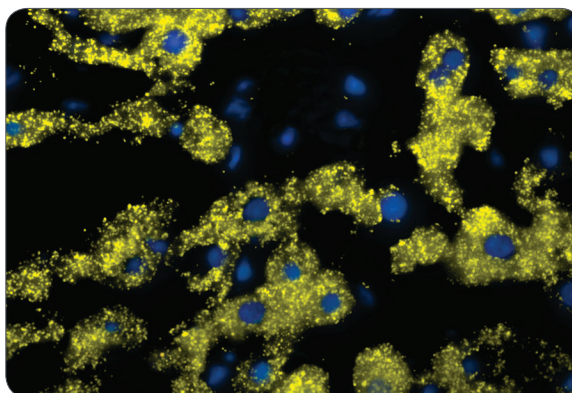
- Routine growth and morphology inspections
- Sample staining differentiation
- Proliferation analysis
- Stem cell passaging

## Automation technology

- Autofocus
- Vessel scanning
- Image tiling and stitching
- Z-stacking
- Time-lapse imaging



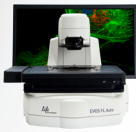


Rat skin, 20x objective. Light cubes: DAPI, GFP, RFP



Rat liver, 40x objective. Light cubes: DAPI, YFP



## The EVOS® cell imaging systems at a glance

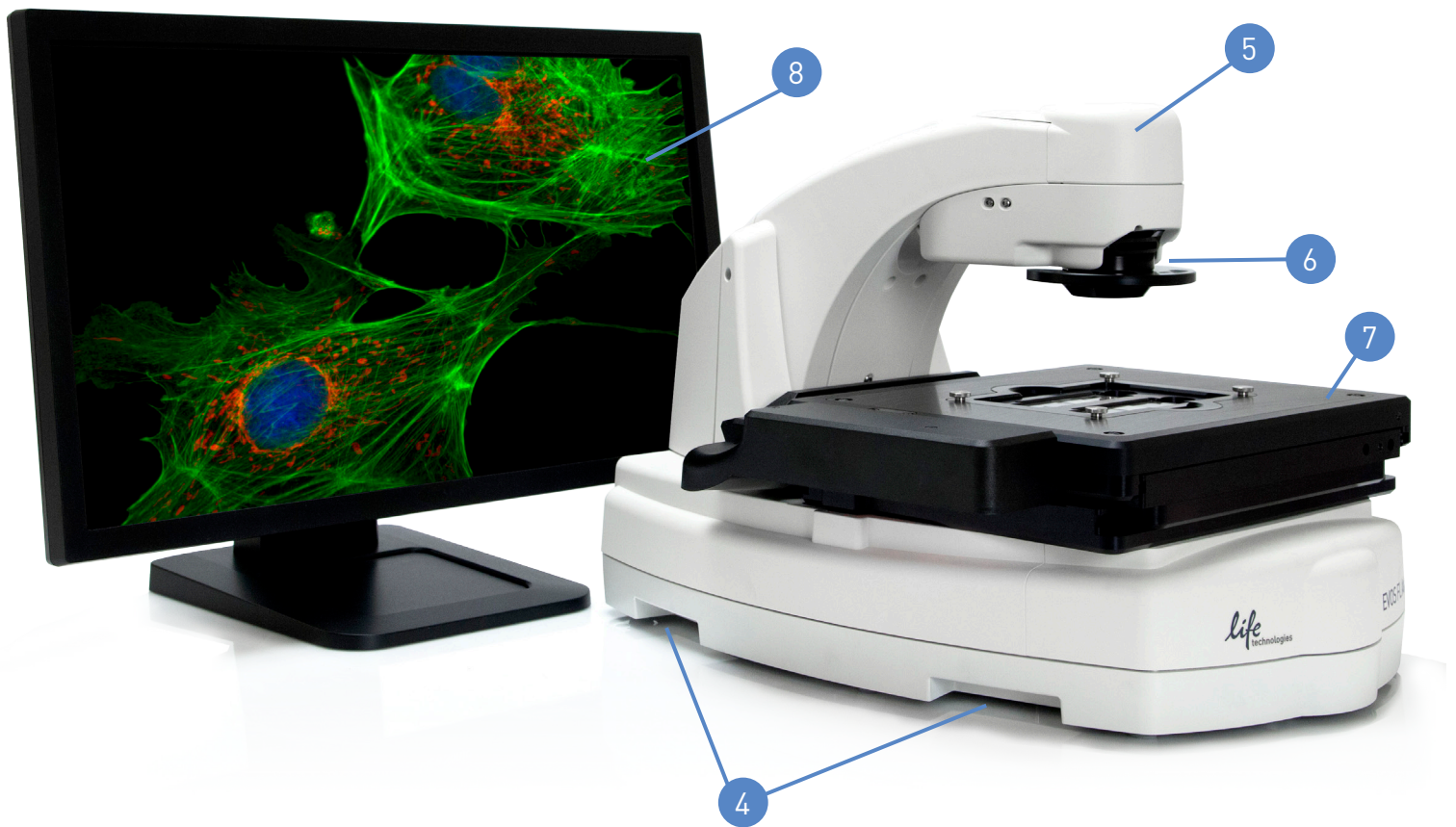
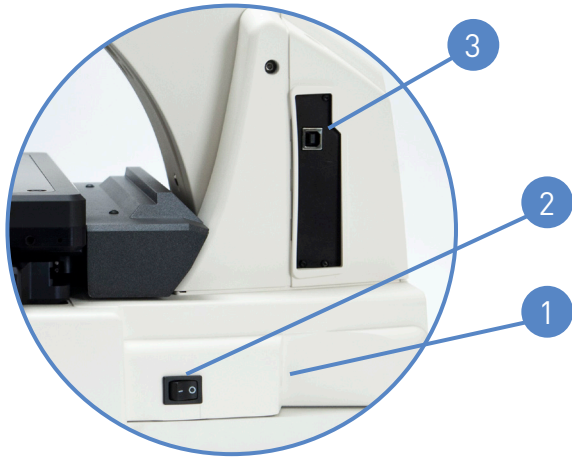
	FL Auto	FL/FL color	FLoid®	XL	XL Core
					
	Epifluorescence solutions			Transmitted light solutions	
	<ul style="list-style-type: none"> <li>• Mosaic tile/image stitching</li> <li>• Time-lapse imaging</li> <li>• Automated cell counting</li> <li>• Z-stack imaging</li> </ul>	<ul style="list-style-type: none"> <li>• More complex fluorescent imaging</li> <li>• Flexible configurations</li> </ul>	<ul style="list-style-type: none"> <li>• Routine fluorescent imaging</li> <li>• Teaching labs</li> </ul>	<ul style="list-style-type: none"> <li>• Colorimetric cell imaging</li> <li>• Stem cell passaging</li> </ul>	<ul style="list-style-type: none"> <li>• Cell culture</li> <li>• Routine cell maintenance</li> </ul>
Simple installation	•	•	•	•	•
Intuitive software	•	•	•	•	•
High-resolution LCD display	•	•	•	•	•
Motorized encoded X/Y scanning stage	•				
Manual mechanical stage		•	•	•	
Mechanical or fixed stage option					•
USB ports	•	•	•	•	•
DVI ports		•	•		
Display output	•				
Networking capability	•	•	•	•	
5-position objective turret	•	•		•	
4-position objective turret					•
20x fixed objective			•		
Fluorescence channels	4	4	3		
Monochrome camera	•		•		
Color camera	•			•	•
Monochrome or color camera option		•			
Epifluorescence	•	•	•		
Transmitted light	•	•	•	•	•
Image tiling and stitching	•				
Automated multi-well plate screening	•				
Cell counting	•	•		•	
Teaching tool	•	•	•	•	•
Fits in hood or on benchtop	•	•	•	•	•
Associated printer			•		
Multilanguage user interface			•		
Integrated reagent selection guide			•		

# EVOS® FL Auto Cell Imaging System

An intuitive, affordable, fully automated system

## FL Auto footprint\*

1. Power input jack
2. Power switch
3. Computer port
4. Lifting handholds (for safe and easy transport)
5. Condenser (contains automatic phase annulus selector)
6. Condenser slider slot
7. Automatic X-Y axis stage
8. 22" high-resolution touch-screen monitor



**\*NOTE:** No manual adjustment required (objective turret, focusing controls, light cube and camera selection, etc.).

## System highlights

Hardware	
Illumination	Adjustable intensity LED (>50,000-hour life per light cube)
Contrast methods	Epifluorescence and transmitted light (bright field and phase contrast)
Objective turret	5-position
Fluorescence channels	Simultaneously accommodates up to 4 fluorescent light cubes
Condenser working distance	60 mm
Stage	Automated X-Y scanning stage; interchangeable vessel holders available
LCD display	22" high-resolution touch screen color monitor
Camera	Dual (monochrome and color camera) Monochrome: high-sensitivity interline CCD Color: high-sensitivity CMOS
Output ports	Multiple USB ports, 1 display output with DVI adaptor (supports direct output to USB and networked storage)
Power supply	AC adaptor
Dimensions	Height: 322 mm (12.7 in) Width: 343 mm (13.5 in) Depth: 472 mm (18.6 in)
Weight	20.0 kg (44.1 lb)

## Software

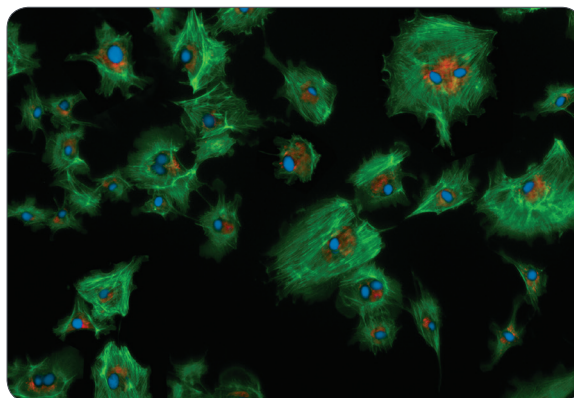
Integrated software is a key component of the all-in-one system. The EVOS® FL Auto software, accessed by a touch-screen monitor, features standard functions such as a scale bar and image review tool as well as a variety of advanced imaging and analysis tools. All images acquired can be saved in JPEG, BMP, TIFF, and PNG formats.

### Key software features:

- Time-lapse imaging
- Image tiling and stitching
- Automated cell counting
- Auto-focus and automated multi-well plate scanning
- Z-stacking

## Applications

The EVOS® FL Auto system was designed to be used for a broad range of applications including, but not limited to, multi-channel fluorescence imaging, cell density assays, multiple-position vessel scanning, and time-lapse imaging.



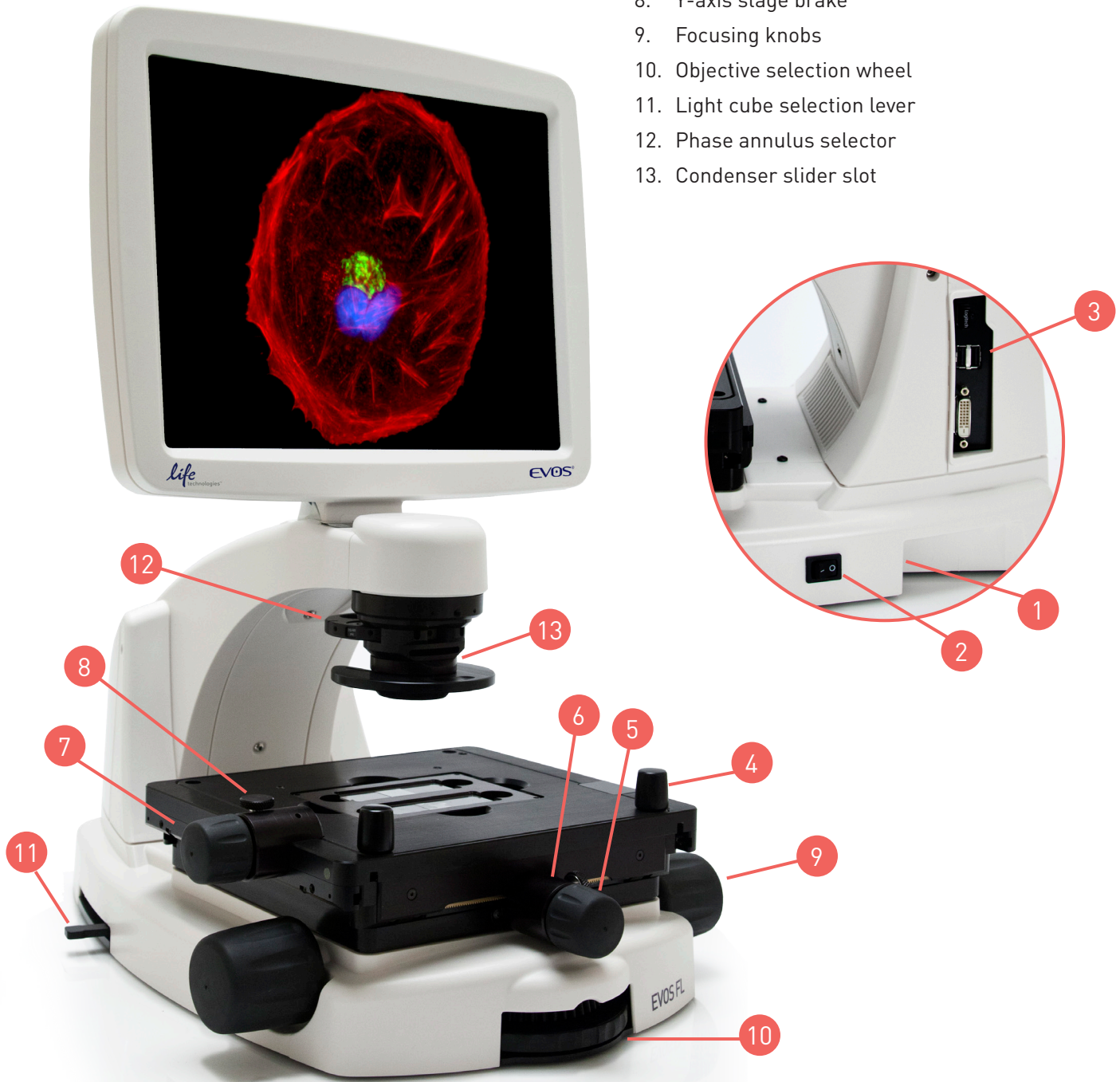
Bovine pulmonary artery endothelial cells, 40x objective.  
Light cubes: DAPI, GFP, RFP

# EVOS® FL Cell Imaging System

Form, function, and flexibility in one

## FL footprint

1. Power input jack
2. Power switch
3. USB and DVI ports
4. Coarse stage positioning knobs
5. Stage X-axis knob
6. X-axis stage brake
7. Stage Y-axis knob
8. Y-axis stage brake
9. Focusing knobs
10. Objective selection wheel
11. Light cube selection lever
12. Phase annulus selector
13. Condenser slider slot



## System highlights

Hardware	
Illumination	Adjustable intensity LED (>50,000-hour life per light cube)
Contrast methods	Epifluorescence and transmitted light (bright field and phase contrast)
Objective turret	5-position
Fluorescence channels	Simultaneously accommodates up to 4 fluorescent light cubes
Condenser working distance	60 mm
Stage	Mechanical “glide” stage with X-Y axis fine-positioning controls Interchangeable vessel holders available
LCD display	15” high-resolution color monitor with adjustable tilt
Camera	High-sensitivity interline CCD camera (choice of monochrome or color)
Output ports	3 USB ports, 1 DVI port (supports direct output to USB and networked storage)
Power supply	AC adaptor
Dimensions	Height: 578 mm (22.8 in) Depth: 470 mm (18.5 in) Width: 355 mm (14.0 in)
Weight	15.3 kg (33.7 lb)

### Software

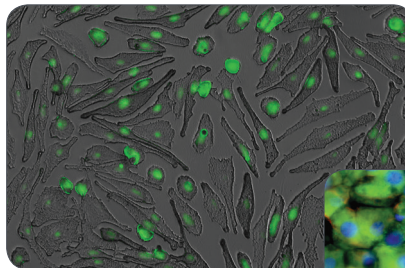
Integrated software is a key component of the all-in-one system. The EVOS® FL software features standard functions including a scalebar and image review tool along with a variety of advanced imaging and analysis tools. All images acquired can be saved in JPEG, BMP, TIFF, PNG, and AVI (video) formats.

#### Key software features:

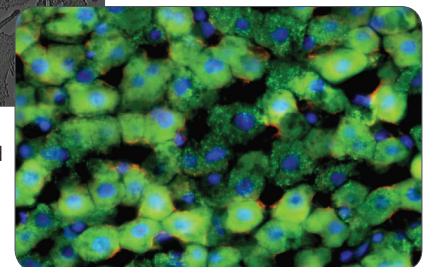
- 1-click, multi-channel overlay
- Time-lapse capability
- Cell counting capability
- Transfection capability

### Applications

The EVOS® FL system was 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.



Keratinocytes, 20x objective.  
Illumination: overlay of GFP and transmitted light



Rat liver, 20x objective. Light cubes: DAPI, GFP, RFP

## EVOS® FLoid® Cell Imaging Station

Simple, three-color fluorescent cell imaging that fits any budget

### FLoid® footprint

1. Power input jack
2. Power switch
3. Side USB ports
4. Front USB port
5. Coaxial focusing knob
6. Mechanical "glide" stage
7. Ambient light shield
8. Printer (optional)



## System highlights

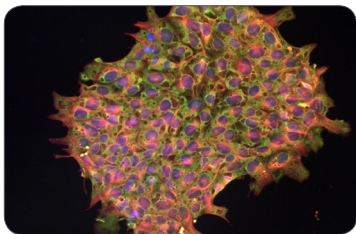
Hardware	
Illumination	Adjustable Intensity LED (50,000+ hour life)
Contrast methods	Epifluorescence and transmitted light
Objective	20x fixed fluorite objective
Fluorescence channels	DAPI (blue), FITC (green), and Texas Red® (red)
Working distance	5.9 mm
Stage	Mechanical “glide” stage with fine range-of-motion control (4 mm movement in X-Y dimensions) Universal format, compatible with all vessel types
LCD display	15” high resolution color monitor with adjustable tilt (1,366 x 768 pixels)
Camera	Monochrome; high-sensitivity interline CCD camera
Output ports	4 USB ports (3 on side for accessories; 1 in front for data storage)
Power supply	AC adaptor
Dimensions	Height: 536 mm (21.1 in) Depth: 353 mm (13.9 in) Width: 404 mm (15.9 in)
Weight	11.8 kg (26 lb)

## Software

The FLoid® Cell Imaging Station makes capturing and processing three-color fluorescence images as easy as taking pictures on your smartphone. Even the most novice fluorescence microscopy users can follow the icons on the intuitive user interface and capture publication-quality images in a matter of minutes right at the benchtop. All images acquired can be saved in JPEG, BMP, TIFF, and PNG formats.

### Key software features:

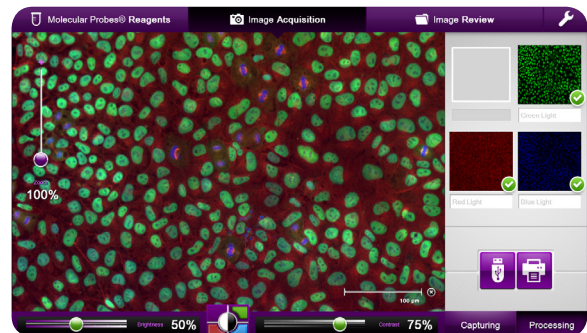
- 1-click, multi-channel overlay
- Icon-based operation
- Multiple language options
- Digital zoom



Human induced pluripotent stem cells stained with Lin28A antibody and goat anti-rabbit IgG-Alexa Fluor® 488 secondary antibody (green), Alexa Fluor® 594-tubulin (red), and Hoechst 33342 (blue).

## Applications

The FLoid® Cell Imaging Station can be used in a broad range of applications, including routine fluorescent (GFP/RFP) tissue culture visualization and imaging, and serves as an excellent entry instrument for fluorescence microscopy.



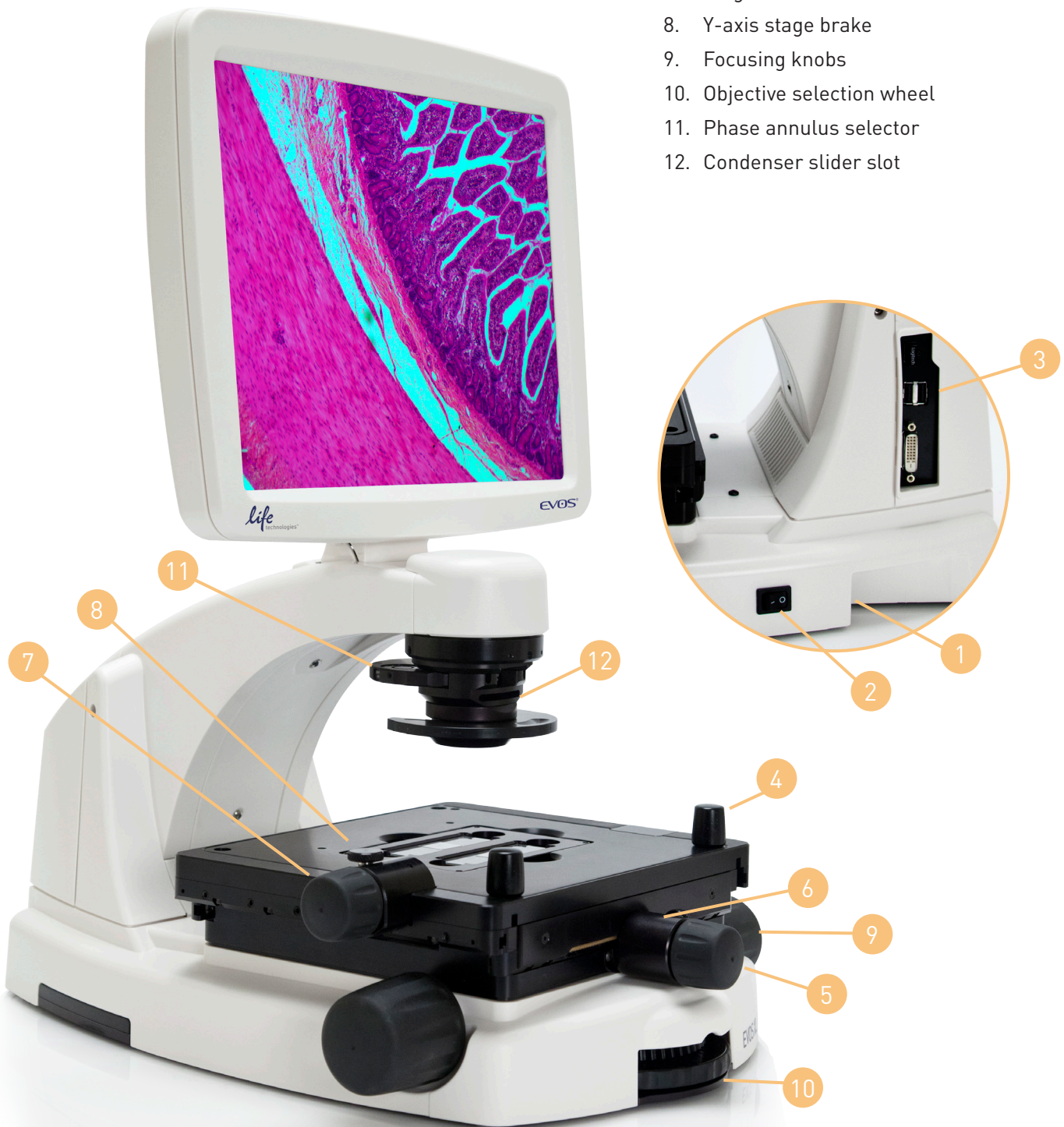
Screenshot of the EVOS® FLoid® image processing software.

## EVOS® XL Cell Imaging System

An advanced transmitted light system that delivers high-definition results with the same form, functions, and features that are standard on all EVOS® systems

### XL footprint

1. Power input jack
2. Power switch
3. USB and DVI ports
4. Coarse stage positioning knobs
5. Stage X-axis knob
6. X-axis stage brake
7. Stage Y-axis knob
8. Y-axis stage brake
9. Focusing knobs
10. Objective selection wheel
11. Phase annulus selector
12. Condenser slider slot





## System highlights

Hardware	
Illumination	LED for transmitted light
Contrast methods	Transmitted light (bright field and phase contrast)
Objective turret	5-position (front-mounted control)
Condenser working distance	60 mm
Stage	Mechanical "glide" stage with X-Y axis fine-positioning controls Interchangeable vessel holders available
LCD display	15" high-resolution color monitor with adjustable tilt
Camera	High-sensitivity interline CMOS color camera
Output ports	3 USB ports, 1 DVI port (supports direct output to USB and networked storage)
Power supply	AC adaptor
Dimensions	Height: 578 mm (22.8 in) Depth: 470 mm (18.5 in) Width: 355 mm (14.0 in)
Weight	15.3 kg (33.7 lb)

### Software

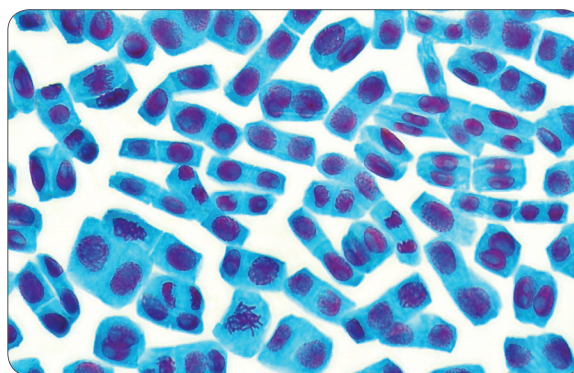
Integrated software is a key component of the all-in-one system. Our software features standard functions such as a scalebar and image review tool as well as a variety of advanced imaging and analysis tools. All images acquired can be saved in JPEG, BMP, TIFF, PNG, and AVI (video) formats.

#### Key software features:

- Time-lapse imaging
- Cell counting

### Applications

The EVOS® XL system was designed for a broad range of applications including, but not limited to, cell viability assays, stem cell growth and differentiation, stem cell passaging, hematoxylin and eosin imaging, and diaminobenzidine (DAB) imaging.



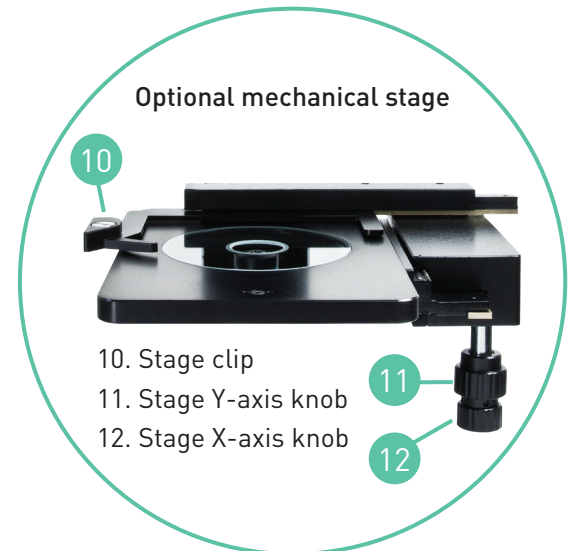
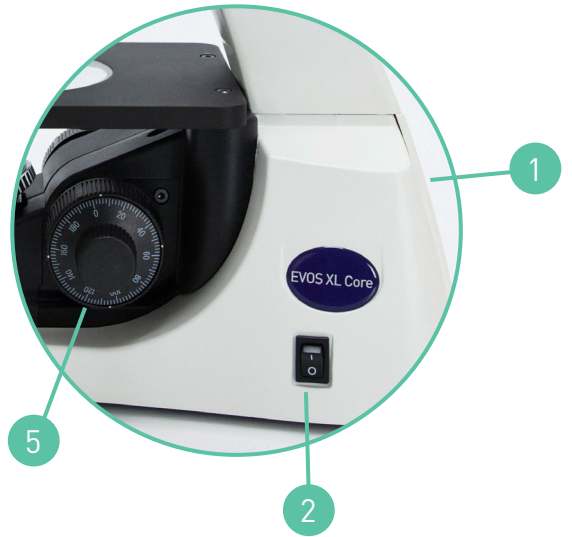
Mitosis in onion root tip, 40x objective.

# EVOS® XL Core Cell Imaging System

Delivers high-definition imaging results with the same form, functions, and features that are standard on all EVOS® systems

## XL Core footprint

1. Power input jack
2. Power switch
3. USB ports
4. Objective turret
5. Coaxial focusing knob
6. Phase turret
7. Illumination wheel
8. Freeze button
9. Save button



## System highlights

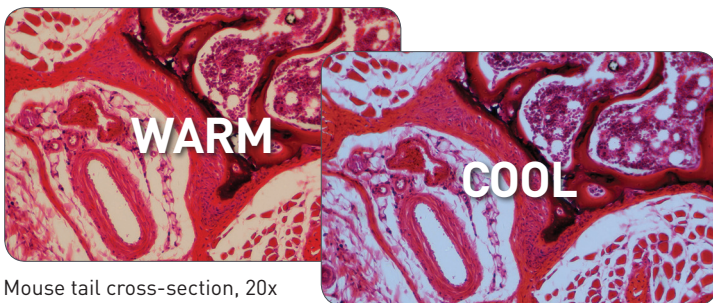
Hardware	
Illumination	LED for transmitted light
Contrast methods	Transmitted light (bright field and phase contrast)
Objective turret	4-position (manual control)
Condenser working distance	60 mm
Stage	Choice of fixed or mechanical stage Mechanical stage has X-Y axis controls and vessel holder framework
LCD display	12.1" high-resolution color monitor with adjustable tilt
Camera	High-sensitivity CMOS color camera
Output ports	2 USB ports
Power supply	AC adaptor
Dimensions	Height: 553 mm (21.0 in) Depth: 406 mm (16.0 in) Width: 318 mm (12.5 in)
Weight	With fixed stage: 9.1 kg (20.1 lb) With mechanical stage: 10.0 kg (22.0 lb)

### Software

Integrated software is a key component of the all-in-one system. Our software includes a variety of features such as color temperature control. All images acquired can be saved in JPEG, BMP, and TIFF formats.

#### Key software features:

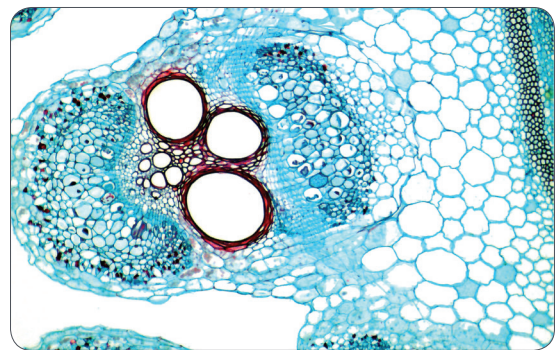
- Adjustable saturation and contrast
- Color temperature controls (warm vs. cool)



Mouse tail cross-section, 20x objective.

### Applications

The EVOS® XL Core system was designed for a broad range of applications including, but not limited to, routine cell and tissue culture visualization and imaging, stem cell applications, and sample staining differentiation (such as Gram staining).



Pumpkin stem, 10x objective.

# Objectives

Plan Achromat								
Magnification	NA	WD (mm)	Bright field	Phase	Long working distance	Coverslip corrected	Oil	Cat. No.
2x	0.06	5.10	•		•			AMEP4631
4x	0.13	16.90	•	•	•			AMEP4632
10x	0.25	6.90	•	•	•			AMEP4633
20x	0.40	6.80	•	•	•			AMEP4634
40x	0.65	3.10	•	•	•			AMEP4635
50x	0.95	0.19	•			•	•	AMEPOP050

Plan achromat: Perfect for general applications; color and focus have standard correction.

Plan Fluorite								
Magnification	NA	WD (mm)	Bright field	Phase	Long working distance	Coverslip corrected	Oil	Cat. No.
4x	0.13	19.70	•		•			AMEP4622
10x	0.30	8.30	•		•			AMEP4623
10x	0.25	9.20	•	•	•			AMEP4681
20x	0.45	7.10	•		•			AMEP4624
20x	0.40	3.10	•	•	•			AMEP4682
20x	0.50	2.50	•			•		AMEP4698
40x	0.65	2.80	•		•			AMEP4625
40x	0.65	1.60	•	•	•			AMEP4683
40x	0.75	0.72	•			•		AMEP4699
60x	0.75	2.20	•		•			AMEP4626
100x	1.28	0.21	•			•	•	AMEP4700

Plan fluorite: Excellent resolution resulting in brighter fluorescence signal and higher-contrast imaging. Helps reduce optical aberrations; color and focus have a higher level of correction.

Plan Apochromat								
Magnification	NA	WD (mm)	Bright field	Phase	Long working distance	Coverslip corrected	Oil	Cat. No.
60x	1.42	0.15	•			•	•	AMEP4694

Plan apochromat: Highest levels of resolution, fluorescence brightness, contrast, and chromatic correction.

## Bright-field vs. phase contrast

### Bright-field contrast

The most basic form of light microscopy, bright-field contrast is mediated by the absorption of light by the sample. A higher-density area in a sample will absorb more light, thus increasing contrast in those areas.

### Phase contrast

This form of contrast is most useful for hard-to-see, translucent specimens. It is accomplished by converting phase shifts, caused by light passing through a translucent specimen, into brightness changes (i.e., contrast).

## Long working distance vs. coverslip corrected

### Long working distance

Optimized for use through vessels with nominal wall thickness of 0.9–1.5 mm (slides, flasks, microtiter dishes, etc.).

### Coverslip corrected

Optimized for use through #1.5 coverslips (approximately 0.17 mm thick). Have a higher magnification-to-NA ratio and provide higher resolution compared to long working distance.

For more information, go to [lifetechnologies.com/evosobjectives](http://lifetechnologies.com/evosobjectives)

## Proprietary LED light cubes

At the heart of EVOS® fluorescence technology lie the proprietary LED light cubes.\* Each cube contains an LED, collimating optics, and filters. Light cubes are user interchangeable, auto-configured by the system with plug-and-play capability. The wide variety of light cubes available provides flexibility for multiple-fluorescence research applications.

## Custom light cubes

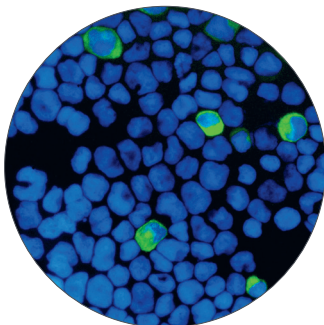
Need a light cube to accommodate your specialized fluorescent needs? Contact us to create a specialty light cube with our proprietary LED technology.

## Common light cubes

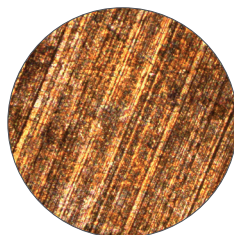
Light cube	Dye	Cat. No.
DAPI	DAPI, Hoechst, BFP	AMEP4650
TagBFP	TagBFP	AMEP4668
CFP	ECFP, Lucifer Yellow, Evans Blue	AMEP4653
GFP	GFP, Alexa Fluor® 488, SYBR® Green, FITC	AMEP4651
YFP	EYFP, acridine orange + DNA	AMEP4654
RFP	RFP, Alexa Fluor® 546, Alexa Fluor® 555, Alexa Fluor® 568, Cy®3, MitoTracker® Orange, Rhodamine Red, DsRed	AMEP4652
Texas Red	Texas Red®, Alexa Fluor® 568, Alexa Fluor® 594, MitoTracker® Red, mCherry, Cy®3.5	AMEP4655
Cy5	Cy®5, Alexa Fluor® 647, Alexa Fluor® 660, DRAQ5®	AMEP4656
Cy5.5	Cy®5.5, Alexa Fluor® 660, Alexa Fluor® 680, Alexa Fluor® 700	AMEP4673
Cy7	Cy®7, IRDye 800CW	AMEP4667

Specialty light cubes	Dye	
CFP-YFP em	CFP/YFP (for FRET applications)	AMEP4669
AO	Acridine orange + RNA, simultaneous green/red with FL color	AMEP4670
AOred	Acridine orange + RNA, CTC formazan, Fura Red™ (high Ca <sup>2+</sup> )	AMEP4671
White	Refracted light applications	AMEP4672

\*Not available for the FLoid® Cell Imaging Station



CHO cells transfected with eukaryotic expression plasmid, 40x objective. Light cubes: Cy®7, DAPI



Gold, 10x objective. Light cube: white

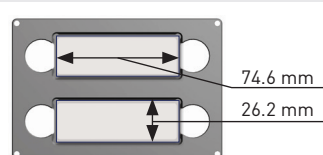
For a complete list of available common and specialty light cubes, go to [lifetechnologies.com/evoslightcubes](http://lifetechnologies.com/evoslightcubes)

# Vessel holders and stage plates

FL Auto, FL, and XL

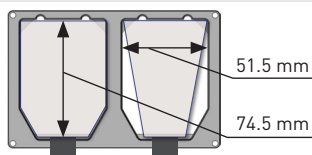
## AMEPVH001

Holds two 25 mm x 75 mm standard microscope slides, chamber slides, etc.



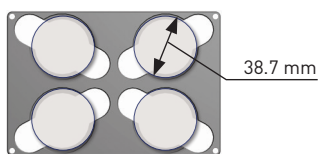
## AMEPVH005

Holds two 25 cm<sup>2</sup> flasks; rectangular or triangular



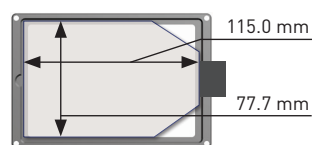
## AMEPVH002

Holds four 35 mm Petri dishes



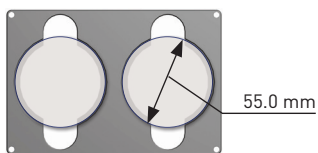
## AMEPVH006

Holds one Nunc® T-75 flask; 75 cm<sup>2</sup>



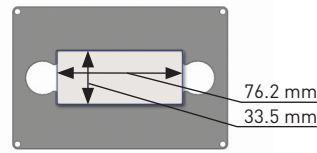
## AMEPVH003

Holds two 60 mm Petri dishes



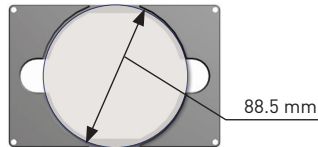
## AMEPVH007

Holds one hemocytometer



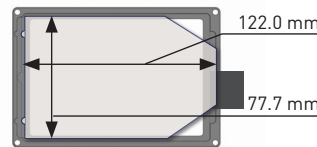
## AMEPVH004

Holds one 100 mm Petri dish



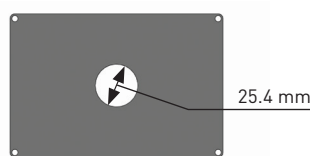
## AMEPVH008

Holds one Greiner T-75 flask; 75 cm<sup>2</sup>



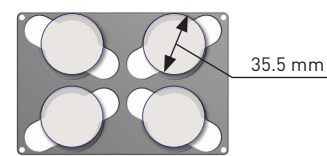
## AMEPVH009

Universal stage insert



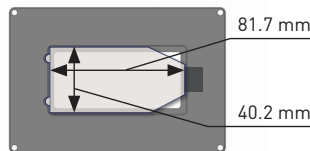
## AMEPVH013

Holds four Ibidi® 35 mm Petri dishes



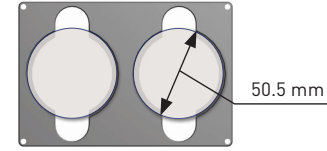
## AMEPVH010

Holds one BD/Greiner T-25 flask; 25 cm<sup>2</sup>



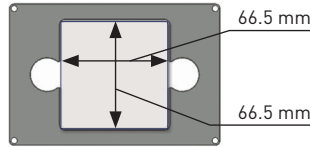
## AMEPVH014

Holds two Ibidi® 50 mm Petri dishes



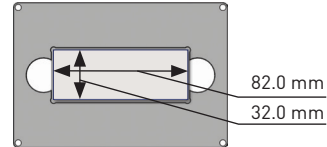
## AMEPVH011

Holds one Nunc®/SPL IVF 4-well dish



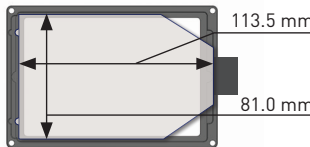
## AMEPVH017

Holds one KOVA® Glasstic® slide 10



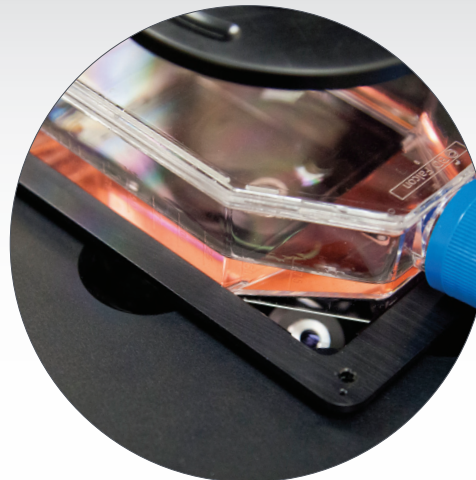
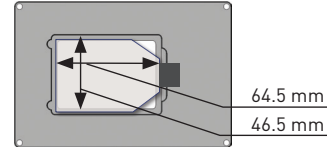
## AMEPVH012

Holds one SPL T-75 flask; 75 cm<sup>2</sup>



## AMEPVH018

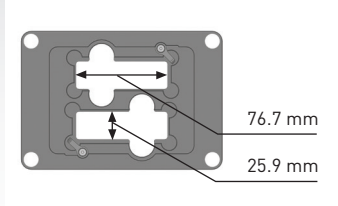
Holds one Nunc® T-25 flask; 25 cm<sup>2</sup>



## FL Auto

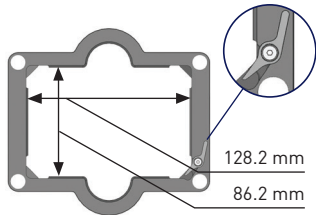
### AMEPVH021

Securely holds two 25 mm x 75 mm standard microscope slides, chamber slides, etc.



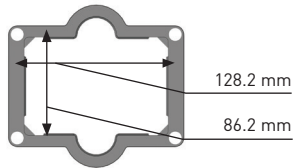
### AMEPVH022

Intermediate plate for automated stage; securely holds multi-well vessels with convenient lever adaptor for AMEPVH001 and AMEPVH009



### AMEPVH023

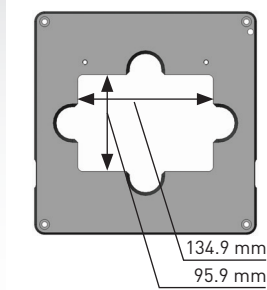
Holds multi-well vessels  
Adaptor for AMEPVH001 and AMEPVH009



## FL and XL

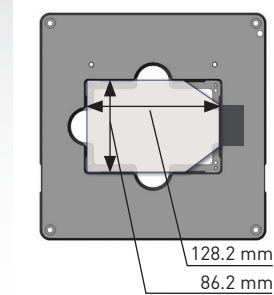
### AMEP4684

Stage plate for heating tray,  
Tokai Hit MATS-UAXKD-D



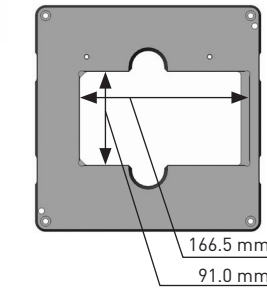
### AMEP4686

Stage plate for multiwell vessels;  
also hold one Corning® T-75 flask



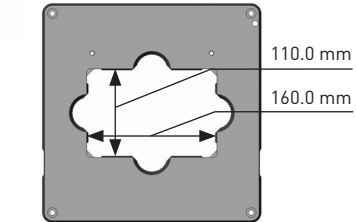
### AMEP4685

Stage plate for heating stage,  
BioFlux™ by Fluxion



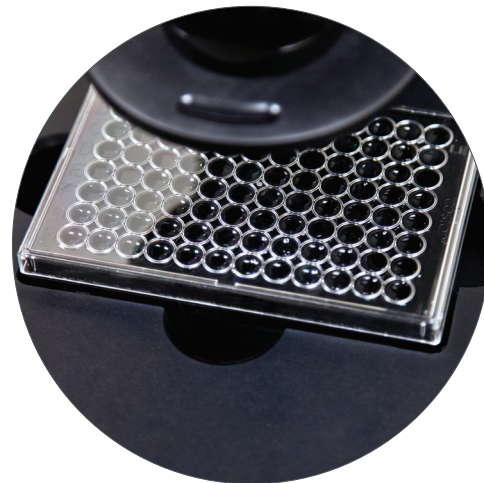
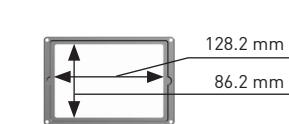
### AMEP4691

Stage plate with 110 mm x 160 mm opening  
(Use with AMEP4692 for standard sizes)



### AMEP4692

Stage plate adaptor with 110 mm x  
160 mm opening for standard size





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