MshOt 明美

· Rotating objectives to avoid interference

· Embedded lens in the design, no need to switch the zoom body

· LED digital display fluorescence module supports multi-channel fluorescence observation

Electric high-power fluorescence microscope

MZX200

The high-power stereo fluorescence microscope MZX200 can achieve up to 630 times magnification and equipped with LED fluorescence module suitable for observation of fluorescent   dyes such as GFP, especially suitable for research on model organisms

Technical parameters

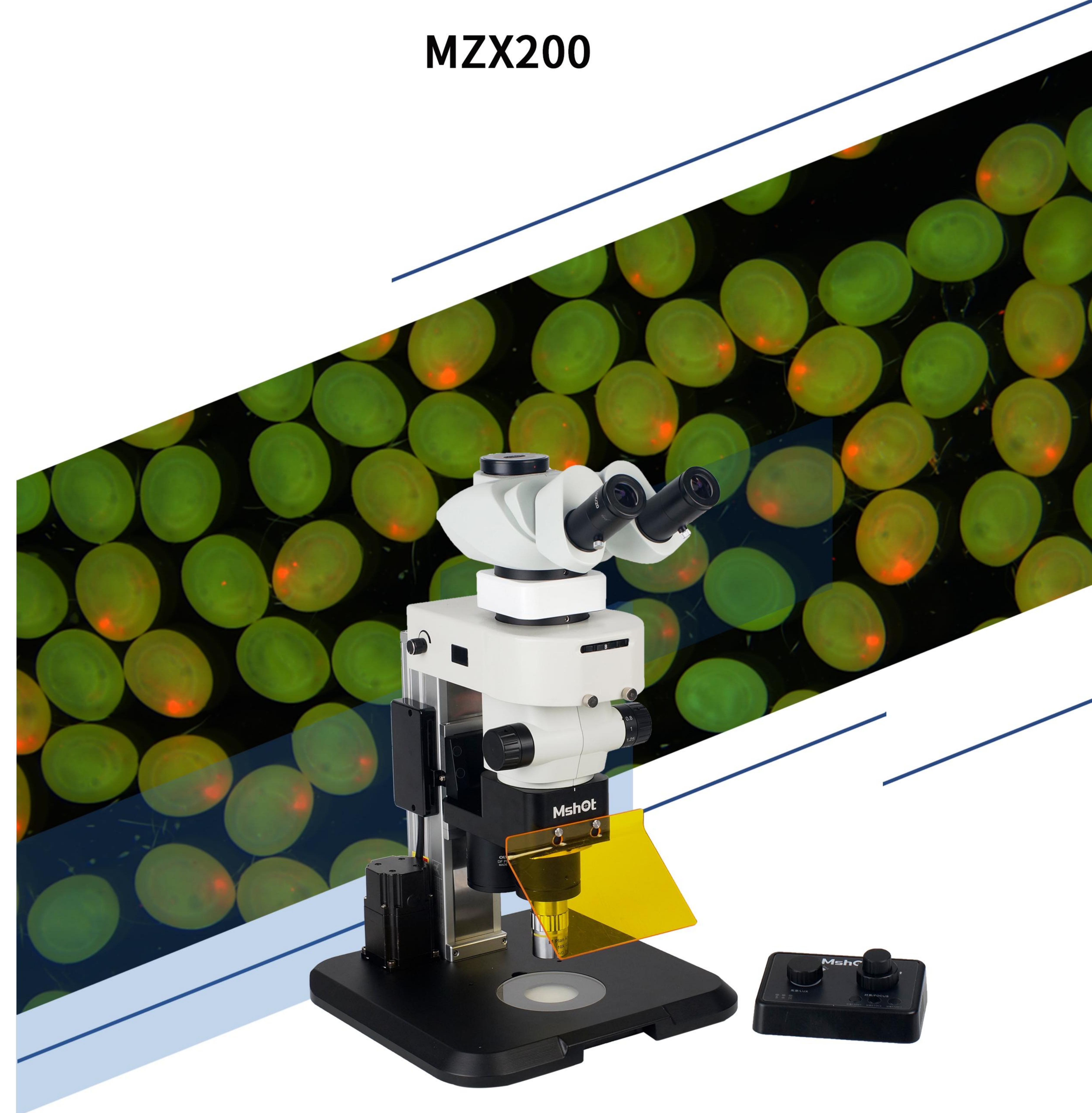| Items	Specifications	
Eyepieces	WHSZ10X/22,WHSZ10X-H/22（adjustable)	
Eyepiece tube	Trinocular head,30°inclined	
Zoom body SZX-ZB7	Zoom radio value 10:1 (0.63x to 6.3X)	
Base	Motorized base with black push-pull plate transmits light source	
Effective range	60mm	
Splitters	One-key push-pull design, single-channel and dual-channel switching	
Focus	Motorized focus knob and brightness adjustment knob integrated control	
Focus accuracy	Coarse adjustment: 0.2mm Fine adjustment: 1um	
Objectives	1X infinity long-distance plan apochromat objective. NA0.1 WD 81mm	
	Long working distance apochromatic 10X objective M Plan10X/0.28 APO HL	
	Built-in Reflective lenses changer	
Magnification	Magnification range 8X-56X	
Epi-fluorescence illumination system	Filter units	Wavelength
	MZX-BG-BD	450–490nm
		510–550nm
	MZX-VBG-BD	385-405nm
		450-490nm
		510-550nm

*Any specifications and appearance are subject to change without prior notice, please refer to the actual product
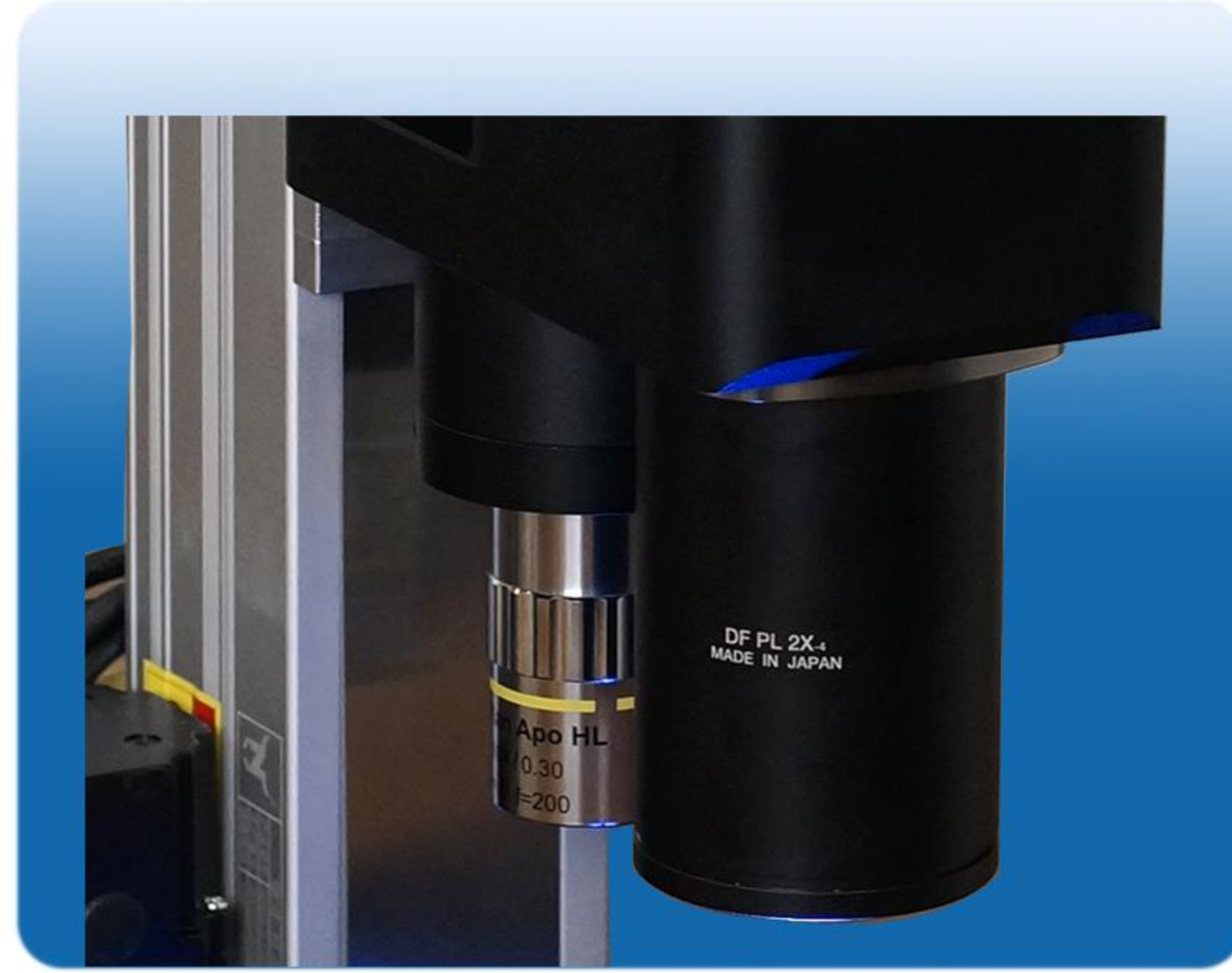
Guangzhou Micro-shot Technology Co; Ltd

Website :www.m-shot.com / Email:sales@mshot.com

Microscope Imaging System Solution Provider

Features:

▶ Ergonomic design, infinite parallel light path system；

▶ Rotating dual objectives can avoid interference. Built-in reflective lens switching device to ensure the center of the field of view remains unchanged.

▶ Electric focusing mechanism, focusing and brightness adjustment knob adopt integrated control.

▶ Zoom radio value 10:1 (0.63x to 6.3), magnification range 6.3X-63X.

▶ Epi-fluorescence device, three-channel six-hole internal positioning converter, digital display LED screen, real-time display of current fluorescence channel and brightness percentage. It's equipped with long-life LED fluorescent light source with lifespan of more than 2w hours. It is ready to use, safe and environmentally friendly.
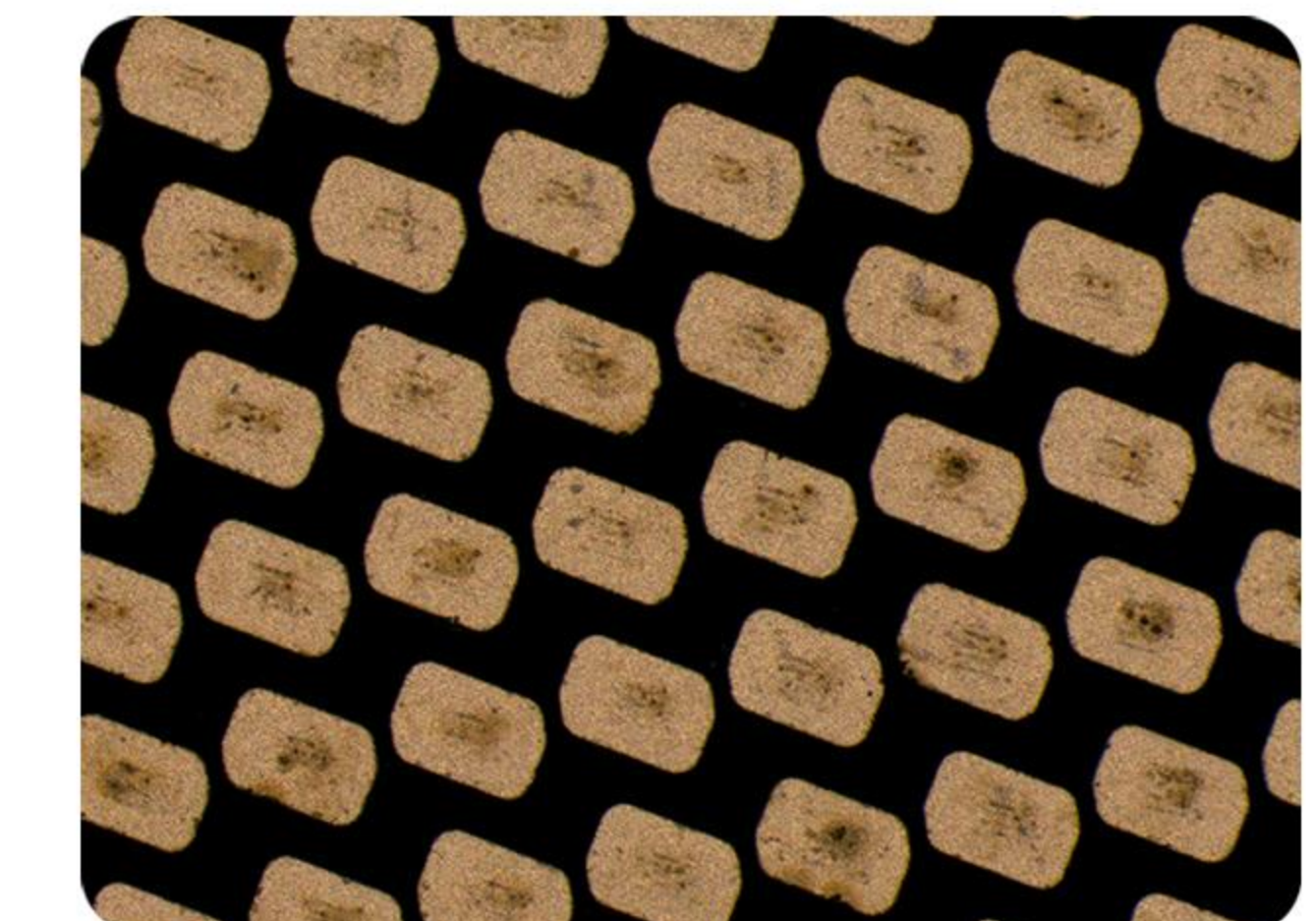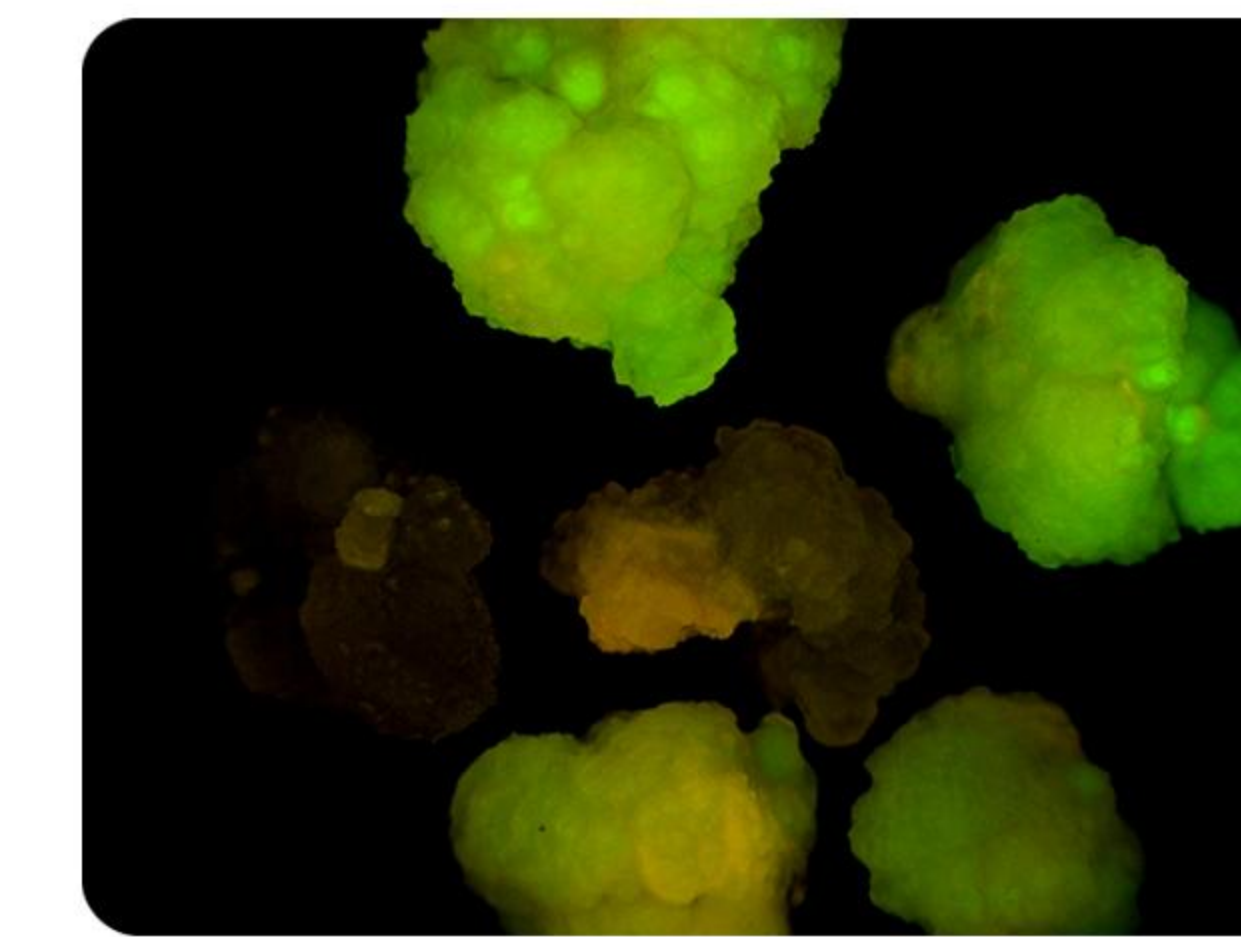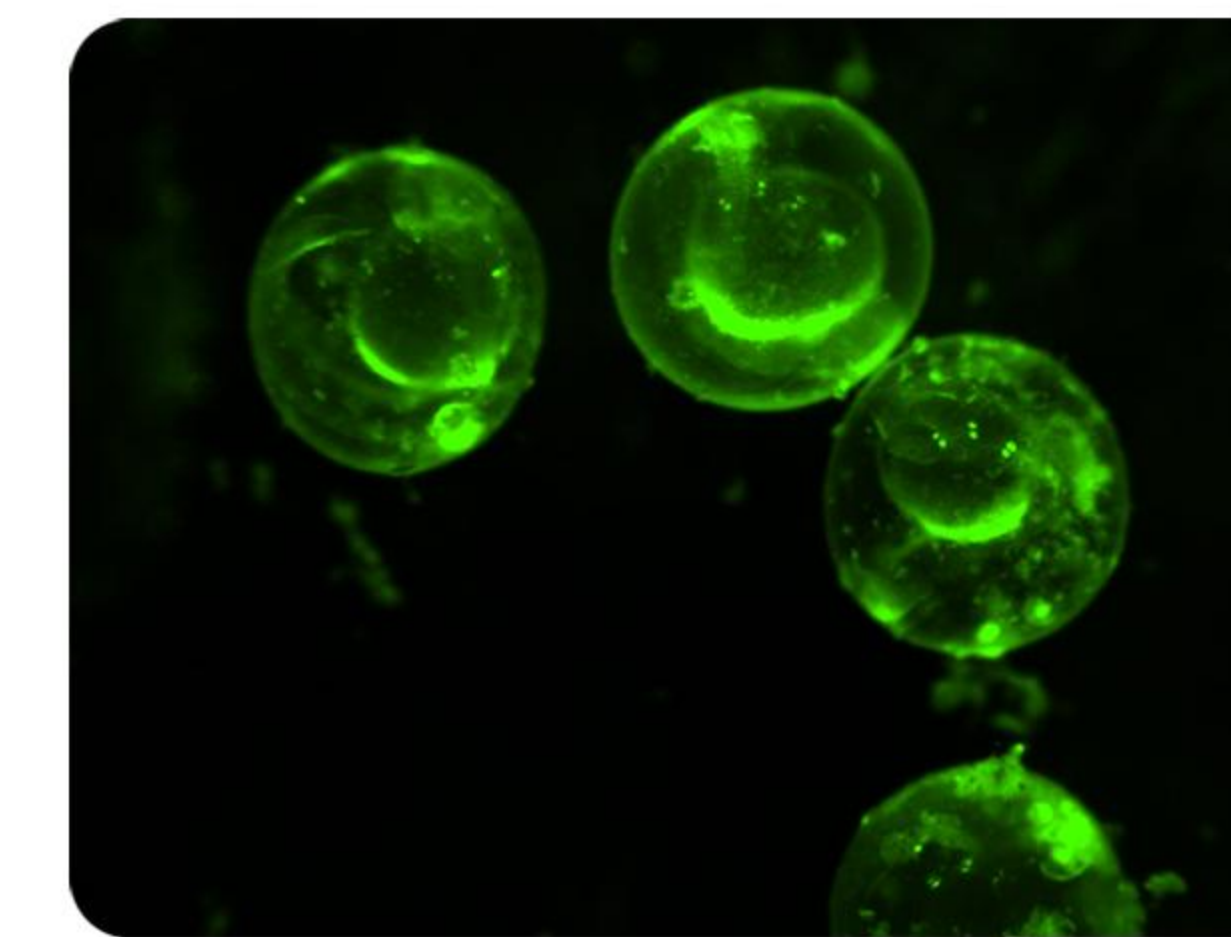

▶ Dual-branch optical fiber transmission, adjustable output angle; continuously dimmable.
Base and transmitted illumination system: electric platform base, size: LED transmitted light source, equipped with black push-pull plate to improve the contrast of sample observation in the transmitted illumination light path.
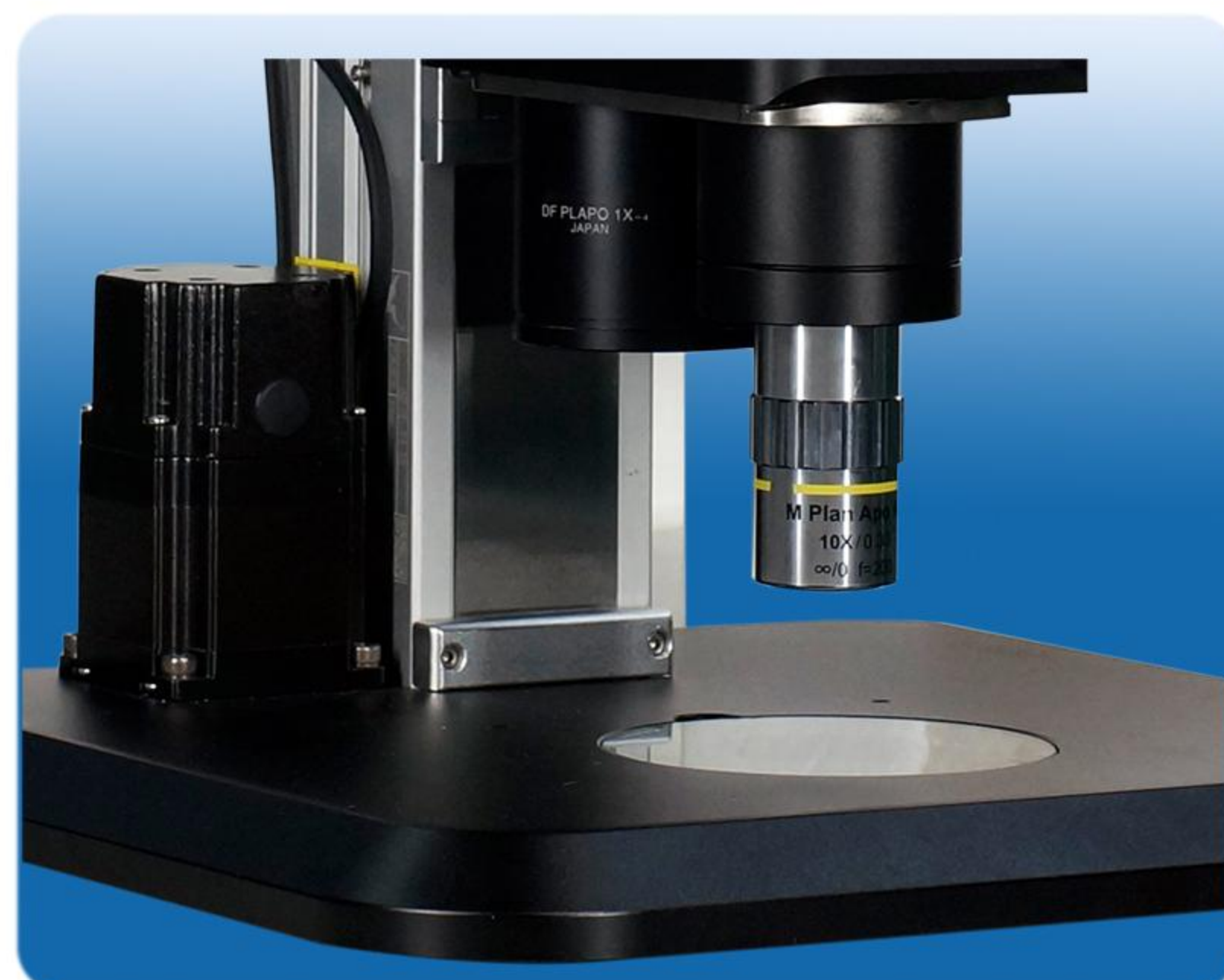
Software
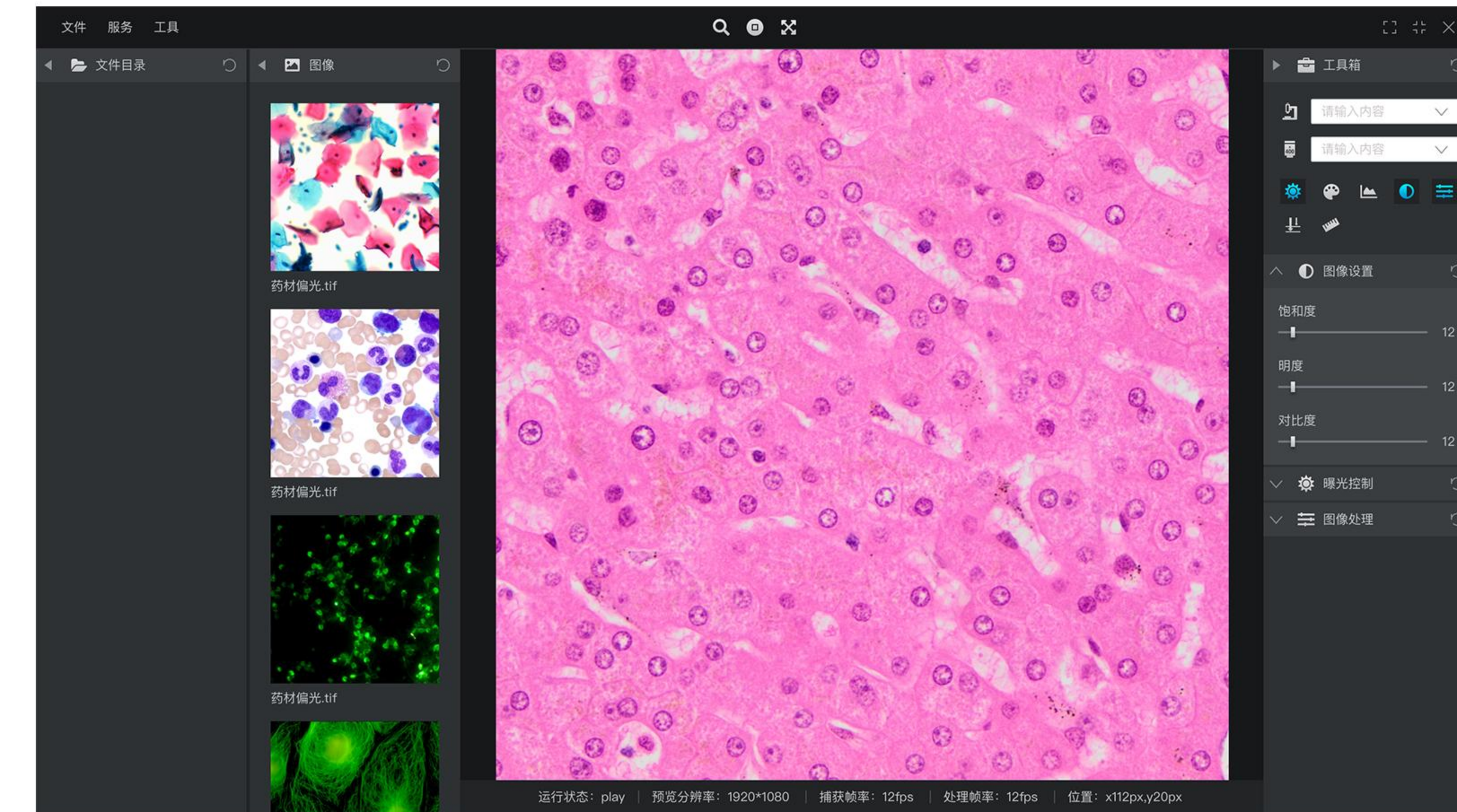
Sample renderings

Software Features

▶ 4/3" sensor, semiconductor plus fan dual cooling, resolution 21.0 megapixels, pixel size is 3.3umx3.3um, USB3.0 adapter, 128M cache to ensure the transmission rate. It supports TWAIN and DirectShow interfaces, excellent multi-camera performance, and can support 4 cameras working at full speed on a single PC.

▶ Digital analysis system with user management and audit trail functions.

▶ Support taking real-time shots of dynamic images in various formats and time schemes,-Compatible with MSHOT cameras.

▶ Functional modules include image processing, color control, fluorescence processing (real-time fluorescence synthesis), histogram, image settings, static image processing,etc Support for energy curve measurement (real-time display of all point intensities on the se-

▶ lected line segment).

▶ Real-time acquisition of single-point RGB values and gray values.