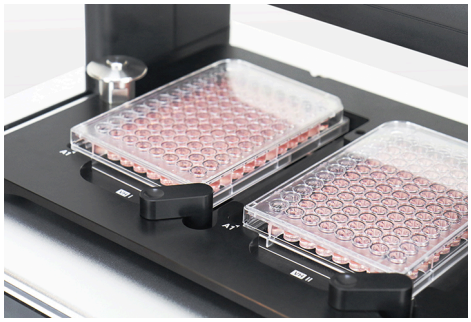
Dual-vessel live-cell imaging system

Monitor two culture vessels in parallel inside an incubator using brightfield and two fluorescence channels.

Cell imaging



Features

- Image two vessels in one incubator system for paired experimental conditions.
- Synchronous illumination supports comparable acquisition conditions across the two vessels.
- Interchangeable 4×, 10× and 20× objectives with green/red fluorescence and brightfield.
- Motorised imaging supports time-lapse, z-stacks, stitched fields and fluorescence analysis.

Technical specifications

Capacity	Up to two vessels; holder-dependent
Objectives	4× / 10× / 20×, interchangeable
Fluorescence filters	Green Ex 470/40 nm, Em 540/50 nm; red Ex 562/40 nm, Em 641/75 nm
Camera	5 MP CMOS
Fields of view	4× 2.0 × 1.5 mm; 10× 0.9 × 0.6 mm; 20× 0.5 × 0.4 mm
Acquisition	Motorised XYZ camera motion, autofocus, multiple positions
Culture vessels	Plates up to 96 wells, flasks, dishes and slides; holder-dependent
Software	Acquisition and analysis applications; confluence, fluorescent cell counting, stitching and z-stacking
Exports	TIFF, AVI, XLSX
Computer	Windows 10 or later
Recommended incubator	Above 170 L; check internal clearance
Dimensions (W × D × H)	380 × 303 × 313 mm
Weight	11.02 kg (current series brochure)
Operating environment	10-40 °C; 20-95% relative humidity
Power input	100-240 V AC, 50/60 Hz

Dual-vessel live-cell imaging system

Applications

- Follow control and treated cultures side by side.
- Compare dose conditions or optimise culture protocols over time.

Configurations and accessories

- Select the holder for your plate, flask, dish or microscope slide.
- Include the incubator model, internal dimensions and cable access in your enquiry.

Selection notes

- For research use. Match the objective, vessel holder and fluorescence configuration to your assay when requesting a quotation.

Precisometer | info@precisometer.com

https://www.precisometer.com/microscopy/life-science-instruments/cell-imaging/dual-vessel-imager