

Specifications for inverted cell imaging system

- Manual frame with fluorescence illuminator/ magnification changer up to 1.6X or 2X/ right side port, etc.
- 3 position light path prism (100:0/50:50/0:100) integrated
- Coded 6 position nosepiece suitable for BF/Ph /Plas DIC/ DIC etc.
- Binocular tube
- Wide field eyepiece 10X/ 22, focusable
- Transmitted pillar
- Front operation knob for condenser focus, focus stopper for reproduce position.
- Long Life LED Light source with intensity control
- Neutral density filter, 45mm dia.
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- Mechanical right hand stage with fixed handle.
- Enough travelling range applied for slide glass, 35mm dish as well as multi-well plate, holder for slide glass, 35mm dish
- Stage stopper function is implemented for time-lapse or operation on stage.
- Long working distance condenser for DIC observation.
- Plan achromat objective 4X/0.1,
- Plan fluorite objective 10X, NA 0.3 or better
- Long working distance plan fluorite objective 20X/0.5 or better
- Long working distance plan fluorite objective 40X/0.75 or better
- Long working distance plan fluorite oil objective 60X/1.25 or better
- Direct image video port.
- C mount adapter with TV tube.
- LED fluorescence illuminator with Blue filter EX475nm, Green filter EX525nm, UV filter EX350nm. Blue, Green & UV three groups of filters
Compact design contains light source and filters in one unit.
- Remember light intensity of each color light source.
- Light source synchronous switching with filter groups.
- 5MP color Camera suitable for Bright Field/Fluorescence imaging
- Suitable latest branded computer of Windows 11 Pro, 8GB RAM, 256GB SSD, 1 TB HDD, Ethernet port, DVD drive, Key Board and Optical Mouse
- Imaging software with acquisition, processing, configurable user interface, basic 3D viewing, measurement of length, diameter, circle, video recording, spectral unmixing, annotation etc.