

# Microfluidics Microscope



A range of high quality components to build bespoke **Lab-on-a-chip / Microfluidic** microscopes including high speed cameras, lenses, objectives and illumination. A large selection of components for brightfield, **UV** or **IR** imaging to ensure the system meets the specification. Our systems can be mounted on benches, machines or optical tables and designed around the application.

**Your best value supplier for Navitar, Mitutoyo, Photron, IDS**

**Zoom Optics** - manual, motorised, detented, coaxial, both C-mount and F-mount

**Stands** - sturdy track stands with fine focus control, other stands and mounting options available

**Objectives** - High quality M Plan objectives (x5 to x100) with long working distance

**Illumination** - high powered co-axial LED lights (4.3 watt), flicker free with also sub-stage LED option

**Cameras** - a range of cameras with various frame rates and resolutions.

**Recommended cameras :**

**IDS UI-3130CP** 800 x 600 at 575 fps, 1/3.6" sensor, exposure times from 0.035 ms *with SOFTWARE SUITE*

**IDS UI-3140CP** 1280 x 1024 at 210 fps, 1/2" sensor, exposure times from 0.035 ms

**Fastcam mini UX 50/100** 1280 x 1024 at 2,000/4,000 fps, (max 100,000/200,000), 1" sensor, exposure 3  $\mu$ s  
*with Fastcam Software* comprehensive operating software with data capture and image tracking options.



New website ... [imageoptics.co.uk](http://imageoptics.co.uk)

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