

Imaging Station

The Linkam Scientific Instruments Imaging Station is designed to overcome the difficulty of sample access during thermal micro-imaging experiments without compromising the use of high resolution optics. A new condenser assembly and reflective light collar extend the simple usability of this device. Originally designed for the more complex heating applications such as tensile and shear work, the Imaging Station has been shown to be a time saver for all temperature controlled applications.

Features and Benefits

- The optics are mounted on a retractable arm enabling unrestricted access to the sample
- Compatible with most long working distance objective lenses — use your existing lenses
- Cost effective solution—free up time on your research microscopes
- Compatible with the entire range of Linkam heating/freezing stages
- The complete work station solution for temperature controlled imaging experiments

System Options

Phase contrast kit

Consisting of phase ring and 10X objective lens.

Order part number: 9807

Reflected Light Source

The Imaging Station is supplied with transmitted light optics. However, reflected light studies can be carried out by using the new RLS10 LED Reflected Light source.

Order part number: DV1733

Cameras

Linkam supply a range of digital cameras which are compatible with the Linksys32 system control software.

QICAM, Fast 1394 - Bayer Mosaic, 12-bit, non-cooled CCD Colour camera

Order part number: 5719

The full range can be seen at www.linkam.co.uk in the Software and Image Capture section.

Objective lenses

Adaptors for long working distance objective lenses from all major microscope manufacturers are available. Your existing lens sets can be used or Linkam can supply lenses from all the major manufacturers.

Standard Specifications

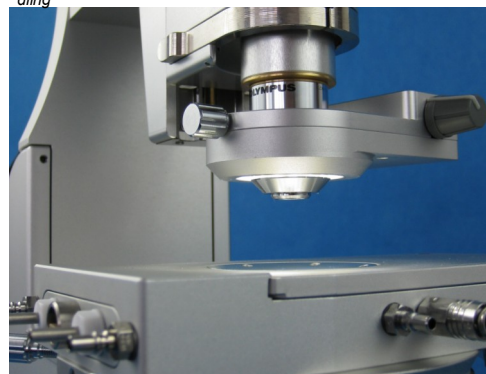
- Long working distance condenser lens assembly to enable Köhler illumination
- Easy-change objective lens system with adaptors
- Polarizer and Analyser for bi-refringent samples
- One 10x objective lens
- C-mount is optimized for a half inch chip camera but can be changed upon request
- 100 Watt halogen light system including variable power supply and standard field diaphragm



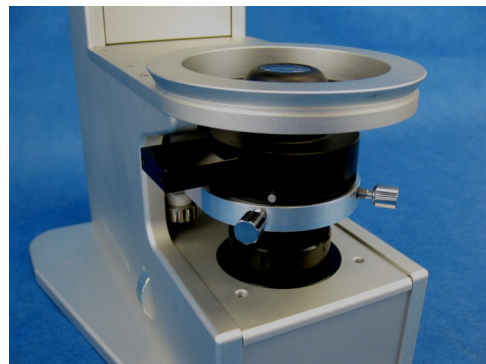
Imaging Station with the Linkam Optical Rheology System



Retractable arm illustrating the space available for sample handling



Detail showing the Imaging Station with an LTS350 heating stage illuminated by the RLS10 reflected light source.



Detail showing the new condenser assembly.