

Manufacturer
Nikon

Model
Eclipse L150



Optical microscope



Surface inspection

This metallurgical microscope is in the Confocal Microscopy facility and acts as a complementary tool to inspect and characterize surfaces.

Technical specifications

- Reflected light Brightfield and Darkfield.
- Objective lenses: 5x, 10x, 20x, 50x and 100x.
- 0.35 μm of resolution.
- Halogen Lamp with 12V/50W.
- Neutral-color balancing filter (NCB11), reducing the warmer (yellow to red) colors often seen with halogen lights.
- Digital camera KAPPA DX20, with 0.3 MPx and 25 fps.

Available software:

Kappa image base (KIB) 2.7.3

- Acquisition of HDR images and videos

ImageJ

- Processing of images
- Measuring on captured images