

Materials Microscope and Imaging Software



Carl Zeiss Axio Imager 2 | AxioVision



Axio Imager 2 shown with optional AxioCam camera touch screen display.

AxioVision

AxioVision is a modular software suite that can be used in conjunction with any Zeiss microscope including the Axio Imager 2. It automates the microscope control to acquire, analyze and document features such as thermal deformations, inclusions or crystalline microstructures in a single operation. The software enables the operator to benefit from the ZVI image format, developed especially for microscopy by Carl Zeiss. The quality, content and significance of images are captured and retained with no loss of information and with the added benefit of integrated documentation of the imaging parameters. This is essential for repeatability and validation of the data. The AxioVision system can be expanded to include various modules or adapted to individual applications. It is suitable for use with a wide range of cameras from digital consumer models through to scientific microscope systems.

Features

- Rapid image processing
- Integration of text and graphic elements
- Precise image measurement
- Report and documentation generation
- Customisable with multiple module options

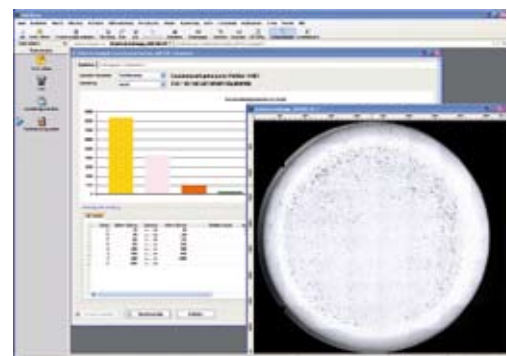
Full specification details for Axio Imager 2 and AxioVision are available on request from Metrology Direct

Axio Imager 2

The Axio Imager 2 is a high specification materials microscope offering very high quality, sharp images combined with superior optical and operational performance and operator comfort. The unit stands out due to its sophisticated operating concept and flexible interfaces for external communication and networking. The innovative illumination system provides outstanding image contrast and a wide range of objectives are available to ensure maximum image information is obtained. Objective turrets are available in both manual and motorised versions enabling operational benefits to be optimised. These can be further enhanced with the addition of a motorised stand. Sample space can be adjusted on the Axio Imager 2 enabling samples from 0 to 63mm to be viewed. As with all Zeiss microscopes, the system is modular and is available with an extensive range of options and accessories.

Features

- Optimised operating concept
- Excellent optics with very good contrast and resolution
- Forward-facing stand design
- Maximum stability for vibration-free work
- Optional automated functions
- Exceptional ergonomics
- Integrated system for digital imaging



Particle Analyzer results view with the MosaiX module in AxioVision