

MICROSCOPY

Optical microscope

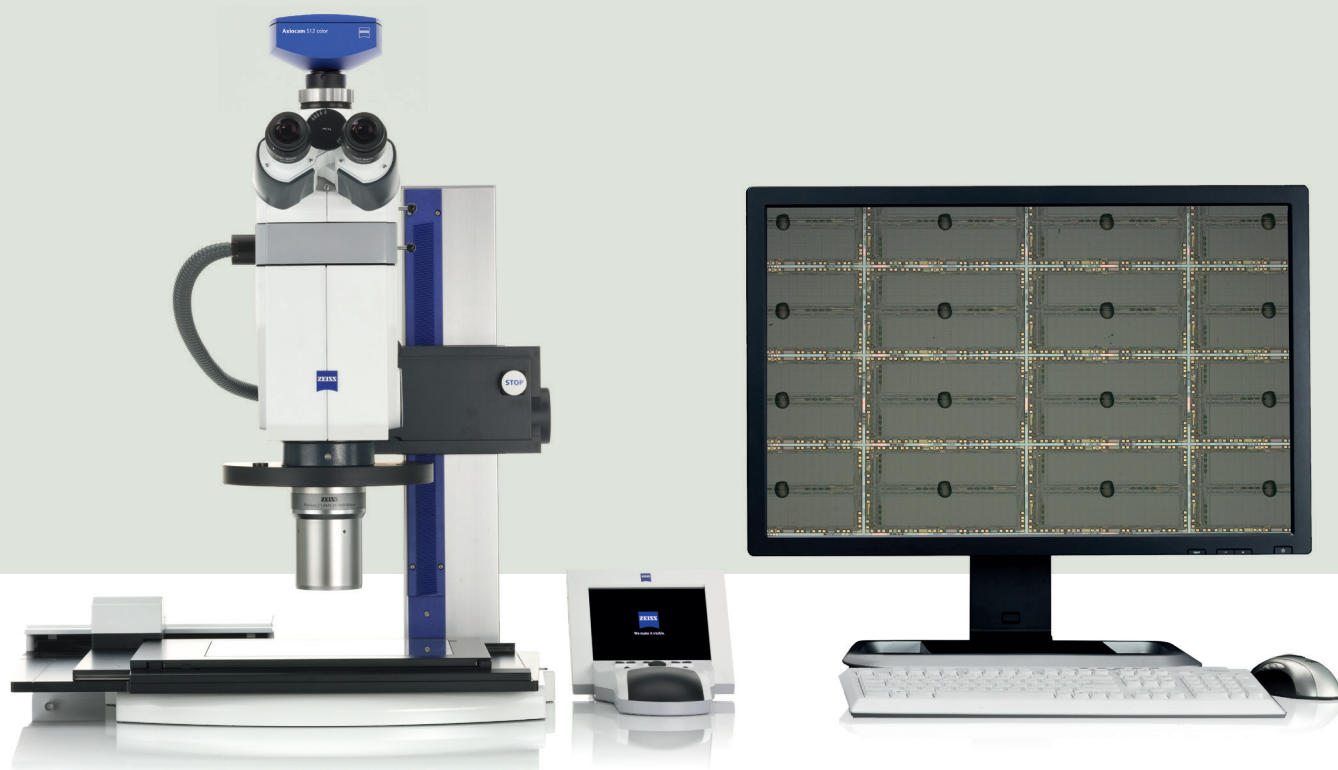
ZEISS
Axio Zoom V16

Highlights

- Zoom between large object fields in minute detail
- Optimized zoom for all applications
- EpiRel produces a relief-like image contrast

Axio Zoom stereomicroscope delivers images of large components with low and medium magnification and high image quality.

The low magnifications of the stereomicroscope allow to have a wide depth of focus, then to obtain images on large areas of components appreciating the morphological irregularities. By this instrument, it is possible to carry out a preliminary analysis of the components or samples.



Applications

Typical Applications, Typical Samples	Task	ZEISS Axio Observer Offers
Scanner Component	Fast imaging and measurement of large components with high resolution to analyze structure details statistically	Imaging of large components with low and medium magnification and high image quality. Homogenous coaxial illumination for high quality capture of large Mosaic images.
Materialography	Materialographic routine analysis of standard materials, quantitative and qualitative structural analysis, resolution of fine structures	Highly detailed image information even with low-to-medium magnification of complex material structures owing to the large numeric aperture

Specifications

Objective	Eyepiece PL 10x/23				Eyepiece PL 16x/16	
	Factor	FWD 1) in mm	Magnification	Object field (mm)	Magnification	Object field (mm)
PlanNeoFluar Z**	1.0x	56	7x ... 112x	33 ... 2.0	11x ... 179x	23 ... 1.4