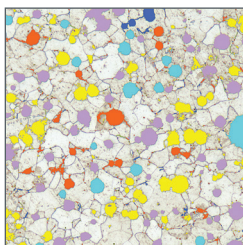


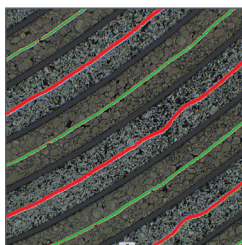


Compound Microscopes: Upright and Inverted

Performance-ready, with all features working in concert to deliver a complete metallography solution for the materials laboratory: cameras as the most important interface for digitizing your sample data, lenses with application-specific properties, and an imaging software specially developed for materials research and metallography.



Metallography Analysis



Phase Analysis

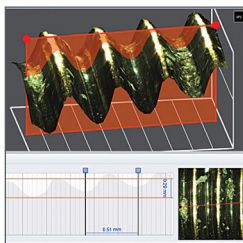
FEATURES & OPTIONS

- Easy Image Acquisition
- Ergonomic Operating Concept
- Perfect Control of All Stage Axes
- A Turnkey Metallography Solution
- Imaging Software with Integrated Materials Modules (Grains, Particle Analysis, Phase, NMI, Layers & more)

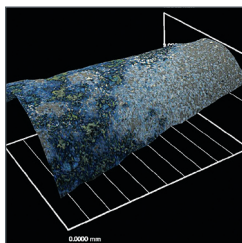


Smart Zoom 5: Automated Digital for Routine and Failure Analysis

ZEISS Smartzoom 5 smart digital microscope is ideal for quality control and quality assurance applications in virtually every field of industry. Quick and easy to set up, fully automated and equipped with dedicated quality assurance and quality control components. Even untrained users will produce excellent results. How easy? Smartzoom 5 features a macro recording mode for quickly repeating same-type sample analyses.



Screw Head Topography



Corrosion 3D Topography

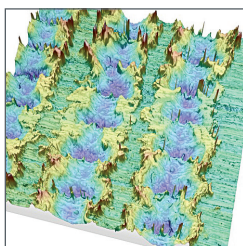
FEATURES & OPTIONS

- Macro recording mode repeats steps
- Fast, reproducible QA/QC measurements for routine as well as failure analyses
- Integrated components: the optical engine combines zoom, overview camera, and coaxial illumination

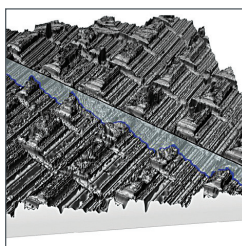


Smart Proof 5: Confocal Microscope for Surface Analysis

Integrated system for surface analysis: fast, precise and repeatable. Put it to work on a wide range of common industrial applications - such as roughness and topographical characterization in QA/QC departments, production environments and R&D labs. This high-quality system is driven by powerful ZEISS Efficient Navigation (ZEN) software.



Laser Structured Surface



Milled Aluminum Profile

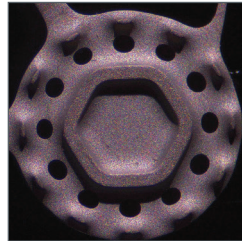
FEATURES & OPTIONS

- Well suited to production and process monitoring
- Teachable inspection jobs and the workflow oriented graphical user interface (GUI) guide you through recurring tasks
- Easily analyze data according to international standards and create respective reports in ZEISS ConfoMap

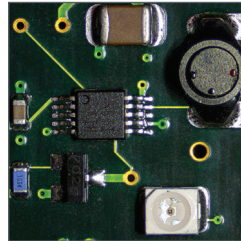


Stemi 305/508: Compact Greenough Stereo Microscope

Easy-to-use microscope with long-living LED illumination for reflected and transmitted light, plus integrated documentation. Choose between the conventional phototube to have access to all ZEISS microscope cameras or the integrated 1.2 Megapixel WIFI camera to connect several microscopes and share your images via WLAN.



Automotive Component



Circuit Board

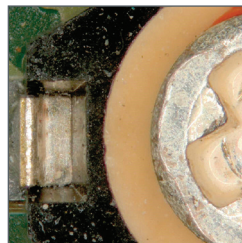
FEATURES & OPTIONS

- Integrated Illumination
- 5:1 zoom or 8:1 zoom models
- All-in-One Device, plug in and start
- Integrated WIFI and Documentation
- Reflected Light, Transmitted Light & Ring Light illumination available

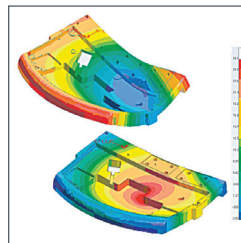


SteREO Discovery V20 & V12: Modular Stereo Motorized Zoom

SteREO Discovery motorized components are fully integrated into your microscope software ZEN and AxioVision: measure and document your samples reproducibly. Observe parts with enhanced 3D impression over the whole zoom range. Capture crisp and rich images with excellent contrast and color fidelity. SteREO Discovery enhances resolution and contrast in quality assurance.



Electronic Component



FEM Deformation Base Plate

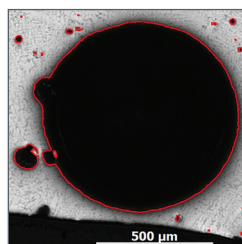
FEATURES & OPTIONS

- Motorized zoom
- Excellent depth perception
- Motorized components for reliable results
- Ergonomic and easy operation and control with the optional touch panel SYCOP
- Illumination and contrast methods based on cold light or LED

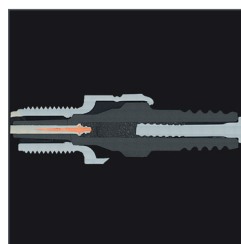


Axio ZoomV16 for Materials: Stereo Zoom for Large Fields

The on-axis zoom microscope Axio Zoom V16 delivers both high resolution and a zoom range of 16x. Zoom seamlessly from overview to the smallest details - with a large free working distance and a single objective. Quickly and easily stitch large tile-images at low to medium magnification with impressive double resolution.



Cast Iron Porosity



MosaX Spark Plug

FEATURES & OPTIONS

- High Resolution at all magnifications
- Select Brightness, Eyepiece, or Camera modes
- EpiRel produces a relief-like image contrast
- Combines 16x zoom with a high numerical aperture and large working distance
- The eZoom works with a motorized iris diaphragm coupled to the zoom.