

# MICROSCOPES & METALLOGRAPHY



With its comprehensive portfolio of application-oriented and connected industrial microscopy solutions, ZEISS helps you turn data into actionable information and make the right decision faster.

## ZEISS Stemi 308/508

### GREENOUGH STEREO MICROSCOPE WITH 8:1 ZOOM

Equipped with apochromatic optics, the Stemi provides outstanding image contrast and color accuracy. Its mechanics are designed for heavy workloads. An object field up to 36mm provides a large overview of your sample. The 8:1 zoom allows for magnification up to 50x. Add interchangeable optics, and observe an area of up to 122mm. Stemi 508 offers better ergonomics than any other Greenough-type stereo microscope. The low viewing angle of 35° lets you keep a relaxed posture even after hours of work.



For more information contact **763.559.1975** or  
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# ZEISS Axiolab 5

## YOUR MICROSCOPE FOR ROUTINE MATERIALOGRAPHY AND SMART DOCUMENTATION

- Snap images and record videos directly
- Use mouse (and optionally, a keyboard) to control your camera via on-screen display
- Save settings
- Store images with all microscope and camera metadata as well as scaling information
- Predefine the name or rename your image



# ZEISS SteREO Discovery

## CRISP AND BRILLIANT IMAGES THROUGHOUT THE WHOLE 8:1 MANUAL ZOOM RANGE

- Manual 8:1 zoom
- Seamless integration into the modular system of SteREO microscopes
- Manual or motorized focus
- Manual or motorized X-Y stages
- Illumination and contrast methods based on cold light or LED

# ZEISS Visioner 1

## REAL-TIME ALL-IN-FOCUS VISUALIZATION

Traditional inspections systems offer shallow depth of field, this means that parts of the sample may not be in focus, which can lead to missing features, user fatigue, and incomplete inspection.

ZEISS Visioner 1 revolutionizes the world of optical inspection and documentation. Driven by the unique Micro-mirror Array Lens System (MALSTM) technology, enables for the first time real-time all-in-focus imaging – first time, every time.





# ZEISS Smartzoom 5

## YOUR AUTOMATED DIGITAL MICROSCOPE FOR ROUTINE AND FAILURE ANALYSIS

Quick and easy to set up, fully automated and equipped with dedicated quality assurance and quality control components, it's so simple to operate, even untrained users will produce excellent results. How easy? Smartzoom 5 features a macro recording mode to enhance the workflow for repeat sample analyses of the same type in a step-by-step manner.



# ZEISS Smartproof 5

## YOUR INTEGRATED WIDEFIELD CONFOCAL MICROSCOPE FOR SURFACE ANALYSIS IN QUALITY ASSURANCE AND QUALITY CONTROL

The versatile ZEISS Smartproof 5 widefield confocal microscope is your integrated system for surface analysis: fast, precise and repeatable. Put it to work on a wide range of industrial applications - such as roughness and topographical characterization - that come up every day in QA/QC departments, production environments and R&D labs.



## ECOPRESS 102/202

ECOPRESS 102/202 are high capacity, state of the art automatic mounting presses having advanced software with programmable coloured HMI touch screen controls. Robust bayonet closure allows for quick and safe operation. Wide selection of mould assemblies from 25 to 50 mm in diameter are available. Two mounts can be produced simultaneously with the use of an intermediate ram. ECOPRESS 202, available with dual cylinder can produce four mounts at a time offering a perfect solution for labs with high specimen throughput.



## SERVOCUT 302

SERVOCUT 302 is an advanced universal metallographic cutting machine used to cut a very wide range of materials.

### Features:

- Modern and sturdy design
- Extraordinary access for easy handling
- X-Y-Z three axes cutting capability
- Advanced cutting features for difficult workpieces
- Programmable with colored HMI touch screen controls
- Ergonomic Joystick control offers excellent application versatility
- Most versatile metallographic cutting machine in its class

## ACCURA 102

ACCURA 102 Advanced high end grinding and polishing system, robust construction on dual columns for applications requiring extremely flat specimen surfaces. Suitable for both 250 mm and 300 mm applications. Motorized positioning of the Head in vertical (Z) and horizontal (X) axes with memory function. Precise control of the force applied. Combined Z-axis material removal control system. Ability to store and recall preparation programs on the LCD screen. Efficient control of consumable consumption by integrated Peristaltic Dispensing Unit. Transparent cover for improved safety and working area.

