

# Keep your samples in focus.

## Simple sample handling for upright light microscopy with modular holder system

### Speed up your microscopy work

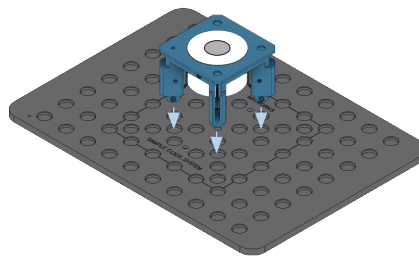
Improve your upright microscopy workflow and set a new standard for efficiency and precision with a modular holder system. The SAMPLE.CLICK.SYSTEM simplifies sample handling and optimizes automated image analysis. It holds sample surfaces parallel to the objective, which is crucial for optimal imaging, especially at high magnifications. This ensures clear, precise images for accurate analysis.

### Protect your sample



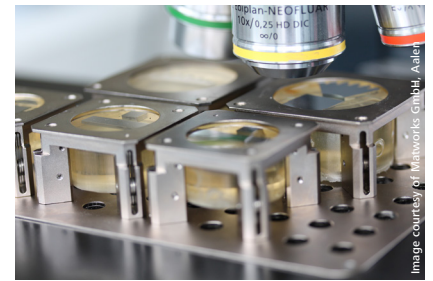
Samples are typically embedded in resin with standardized diameters but varying heights. This height variation not only requires individual focus adjustments on a microscope for each sample before images can be captured. This process also adds an extra step and increases the risk of damaging your sample or objective due to potential collisions. Using the SAMPLE.CLICK.SYSTEM lets you eliminate these problems by ensuring that all specimens are consistently mounted at a reproducible focus height, streamlining your workflow and increasing safety.

### Simple operation



No additional tools, such as a leveling press or modeling clay used in conventional sample preparation workflows, are required to secure the specimens for microscopic examination. With the tool-independent SAMPLE.CLICK.SYSTEM, samples can be effortlessly clicked into precisely manufactured mounts. It's as easy as snapping together toy blocks. This system also allows for quick and convenient preparation of multiple specimen trays, ensuring optimal sample orientation and boosting workflow efficiency.

### Designed for efficiency



Designed for efficiency, this system simplifies the scanning of multiple samples, making it the ideal solution for laboratories aiming to streamline their automated image analysis processes. Reproducible positioning of the holder on the grid plate, along with software-driven image acquisition methods such as tiles and positions, enable automated processes. The repeatability and reliability of the clamping device is essential for fast image acquisition and analysis.



Seeing beyond

**You will benefit from:**

- Modular holder system: Compatible with various sample types and sizes.
- Sample holder for the most common sample sizes (diameters of 25 mm, 30 mm, 40 mm, and 50 mm).
- Ideal for automated and manual image acquisition: Perfect for handling large quantities of samples efficiently.
- High efficiency: Specific grid plates tailored to the travel range of the stage enhance throughput and reproducibility.
- Device-specific adapter plates ensure high compatibility across different setups.
- Premium quality components: All parts are made from high-quality, electrically conductive materials, supporting correlative microscopy.

**Ideal for:**

- Upright light microscopes like ZEISS Axio Imager or ZEISS AxioScope
- Ground and polished mounted samples
- Manual, single use with one holder on a grid plate
- Automated, motorized image acquisition with multiple holders on a grid plate

**SAMPLE.CLICK.SYSTEM supports:**

- Digitization of geological samples with light microscopes
- Automation of image acquisition of a large number of samples
- Repeatability of relocating sample positions
- Protection of your samples and microscope from collision

**Modular system**

- Thanks to its modular design, the SAMPLE.CLICK.SYSTEM can be customized for larger stages upon request



**Sample holder for grinding sample D25**  
**SAMPLE.CLICK.SYSTEM**  
 grid size 3x3, for sample size d = 25 mm, h = 10-22 mm  
 432343-9100-000



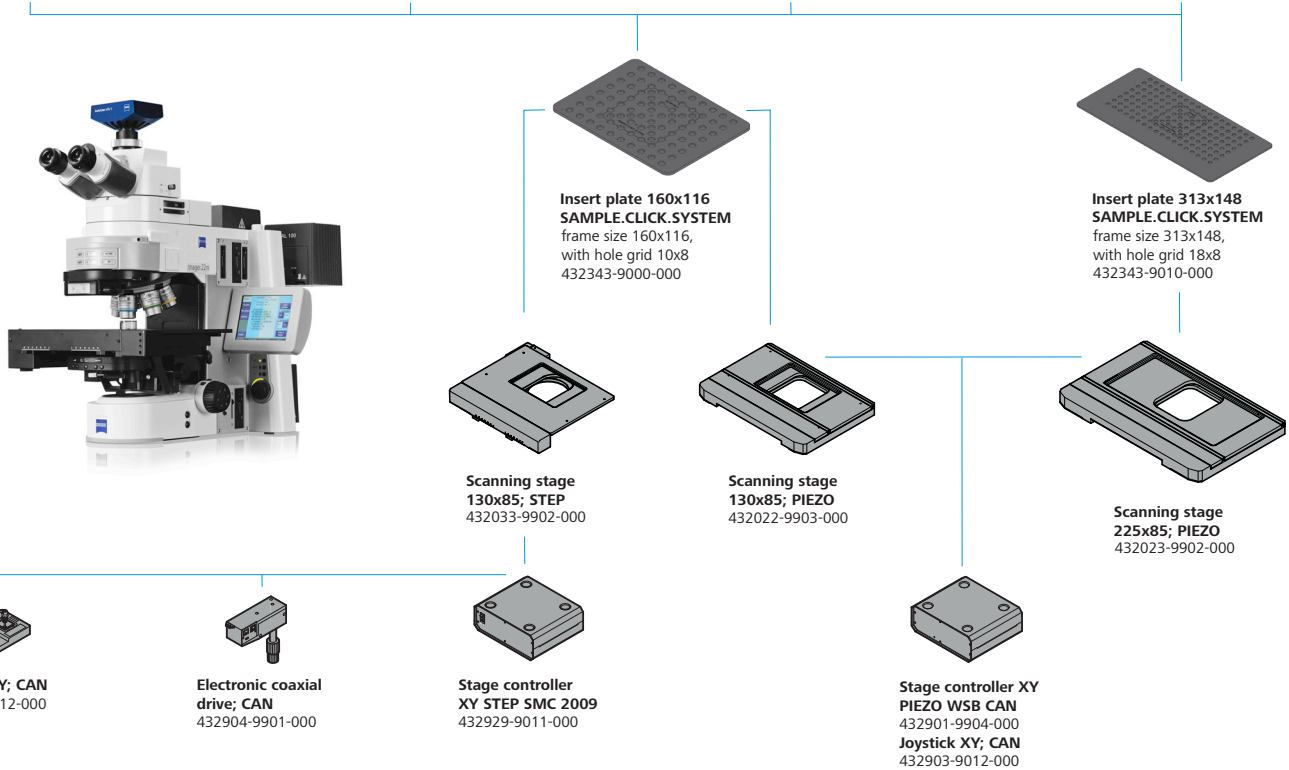
**Sample holder for grinding sample D30**  
**SAMPLE.CLICK.SYSTEM**  
 grid size 3x3, for sample size d = 30 mm, h = 10-22 mm  
 432343-9110-000



**Sample holder for grinding sample D40**  
**SAMPLE.CLICK.SYSTEM**  
 grid size 4x4, for sample size d = 40 mm, h = 10-22 mm  
 432343-9120-000



**Sample holder for grinding sample D50**  
**SAMPLE.CLICK.SYSTEM**  
 grid size 4x4, for sample size d = 50 mm, h = 10-22 mm  
 432343-9130-000



**Joystick XY; CAN**  
 432903-9012-000

**Electronic coaxial drive; CAN**  
 432904-9901-000

**Stage controller XY STEP SMC 2009**  
 432929-9011-000

**Stage controller XY PIEZO WSB CAN**  
 432901-9904-000  
**Joystick XY; CAN**  
 432903-9012-000

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