

# Electrify Your World

MSI Viking and Zeiss Unleash Cutting Edge EV Products  
in EV Battery Manufacturing



Four Configurations of Technical Cleanliness Microscopes for Particle Analysis



**ZEISS SteREO Discovery.V8**  
For particle size  $\geq 15 \mu\text{m}$   
Standard analyses



**ZEISS AxioScope 7**  
For particle size  $\geq 50 \mu\text{m}$   
Recommended for standard  
analyses



**ZEISS Axio Zoom.V16**  
For particle size  $\geq 5 \mu\text{m}$   
Recommended for  
extended analyses



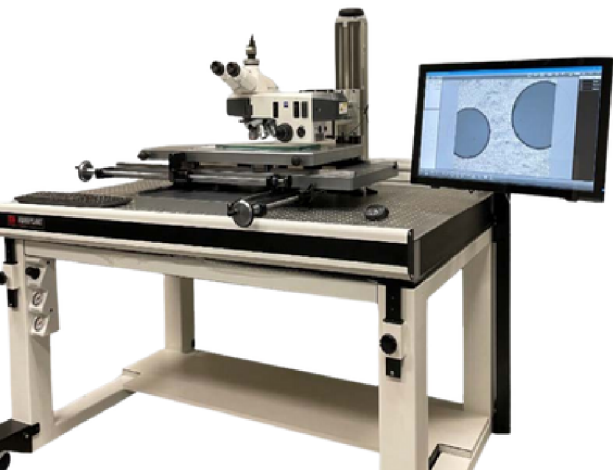
**ZEISS Axio Imager 2**  
For particle size  $\geq 1 \mu\text{m}$   
Recommended for  
advanced analyses

## Measuring Microscopes MF/MF-U Series



**High-accuracy Measurement: X/Y Axis:  $(2.2+0.02L) \mu\text{m}$**

- Dark field
  - Bright field
  - Polarized
  - Differential interference contrast
  - A Wide Choice of Stage Size: 100x100 mm to maximum-inclass 400x200 mm.
  - Motorized Z available
  - Uses class leading Metlogix software
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- Custom Microscopes designed to inspect unique specimens that are not easily accommodated under traditional out-of-the-box microscopes. (Ex. battery cells and modules)
  - High accuracy measuring stage up to 600mm x 300mm travel. Scale Resolution .1um
  - World Renown Zeiss Optics for exceptional clarity.
  - Stable anti vibration table for industrial environments.
  - Metrology Software from Metlogix with auto edge detection
  - ISO17025 Calibration included.



SCAN ME



## Servocut Abrasive Series



- Extraordinary access for easy handling
- X-Y-Z three axes cutting capability
- Programmable with colored HMI touch screen controls
- Ergonomic Joystick control offers excellent application versatility
- Most versatile metallographic cutting machine in its class – Up to 600mm blades

## Metallographic Programmable Automatic Mounting Press with Dual Cylinders

### ECOPRESS 202



- 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 perfect solution for labs with high specimen throughput.

## Metallographic Grinding and Polishing Products

### FORCIPOL 202



## Series of instruments are available as Single wheel (FORCIPOL 102) and Dual wheel (FORCIPOL 202) Units.

- FORCIPOL instruments are designed to modular configuration for manual, semi-automatic and programmable automatic equipment.
- When only manual preparation is required, FORCIPOL Control Unit can be fitted on the FORCIPOL grinder / polisher.
- If automatic operation is required in the future, one of the FORCIMAT automatic heads can be installed at any time.
- Optional DOSIMAT peristaltic fluid dispensers are available to increase automation capability.

# GLÄSER

### ACM 18



## Extraction Systems for Inspection of Technical Cleanliness

As an experienced system engineer, Glaser constructs and manufactures the latest extraction systems for the inspection of Technical Cleanliness according to VDA and ISO 16232 and internal Specifications.

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