

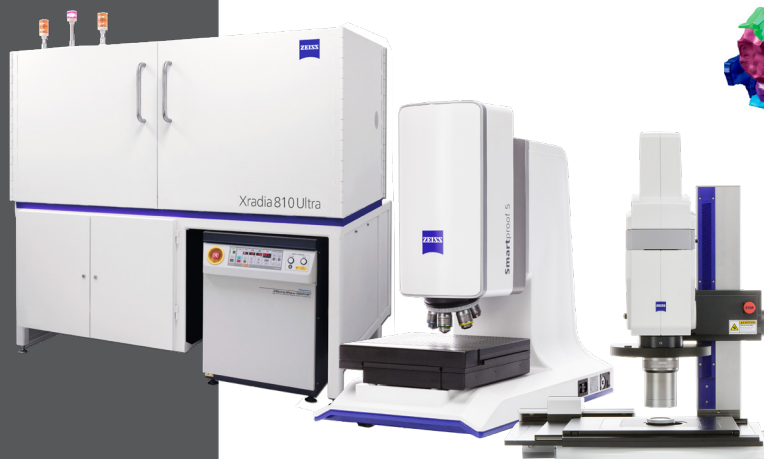
Advanced Metal Testing

Testing Technologies for the Full Spectrum of Metal Properties

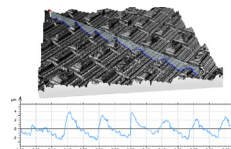
Microscopy

ZEISS

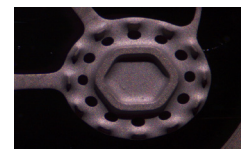
ZEISS delivers innovative solutions and services for materials research, industrial quality control, technical cleanliness, and correlative microscopy. ZEISS systems are used for manufacturing and assembly in high tech industries as well as exploration and processing of raw materials worldwide. Whatever your task or application, our experts will find the perfect light, confocal, electron, or X-ray microscope to get the results you need.



grain structure



milled aluminium (3D view)



spot LED illumination

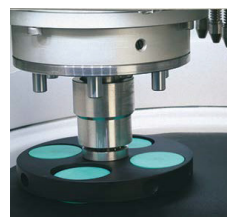
Applications

- Layer Thickness Determination
- Structure Evaluation
- Grain Structure Analysis
- Phase Fraction Determination
- Structure Development Quantification

Sample Preparation

Metkon

METKON brings total preparation solutions in metallography. We cover the complete range of instruments and consumables for Metallographic Sample Preparation, from manual machines to sophisticated microprocessor controlled preparation systems. We will work with you to find the best processes to save time and money.



central force application



resins for mounting

Applications

Cutting	Consumables
Mounting	Cutting Fluids
Grinding	Mounting Resins
Polishing	Grinding Discs
	Polishing Cloths

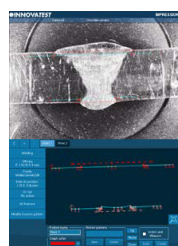
Advanced Metal Testing

Testing Technologies for the Full Spectrum of Metal Properties

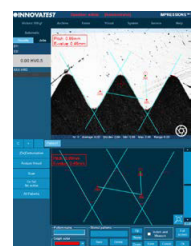
Hardness

Innovatest

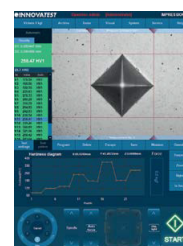
INNOVATEST Hardness Testers outperform all gauge repeatability and reproducibility expectations. These sturdy machines are built to withstand the demands of both laboratory and factory conditions while exceeding all the latest ISO/ASTM and JIS standards. Highly configurable builds enable speed, efficiency, and capabilities to meet your unique needs, producing depth readings with up to nanometer accuracy and force control up to 0.05%.



weld inspection



screw thread testing



vickers test

Applications

Weld Inspection
Kic Crack Inspection
Decarbonized Screw Thread Testing
Rockwell, Vickers, Knoop, & Brinell Testing

Force

Starrett & Mark-10

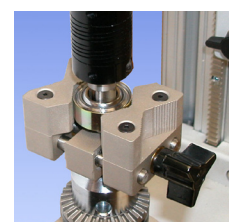
MSI Viking's wide range of force and material measuring equipment includes handheld force gages, mechanical stands, motorized stands, and a complete range of software and accessory options customized for any application. Our collection of precision instruments from the world's leading brands emphasizes ease of setup, operation, and maintenance, so you can count on reliable, repeatable results no matter the environment or operator.



spring testing



tensile testing



bearing torque testing

Applications

Tensile Testing
Spring Testing
Weld Force Testing

Bearing Torque Testing
Cable Tension Testing
and many more...