

AST, in collaboration with Santa Barbara Imaging, presents

# THE $\mu$ SCOPE

## MOTORIZED FOCUS STAND AND MANUAL XY STAGE

### Microscope Features & Specifications:

**Optics:** Infinity design, 200mm focal length. Compatible with Mitutoyo objectives.

**Lighting:** Co-axial lighting standard. Quad Ring and Dark Field illumination optional.

**Video Camera:** Standard C-Mount for use with all digital and analog cameras.

**Display:** Monitor or computer.

**Drive Method:** Joystick control. Stepper motor with sub micron positioning. Optional remote controller.

**OPTIONS:** Auxiliary Lenses, Calibration Standards, Rotary Fixture, Right Angle Mounting Fixture, Right Angle Viewing Attachment.



Microscope system with integrated Coaxial White LED (Brightfield) illumination, Motorized focus stage with 50mm travel and Variable speed Mouse driver, Manual XY sample stage, Includes power supplies for Illuminator and Motorized focus stage.





## Autocollimator

Compact & Powerful  
Precision Angle  
Measurement System

A highly flexible system packed with features not available from other attitude measurement systems.



## AST-200

Advanced Defect  
Inspection & Metrology  
System

Designed for applications where high-speed defect detection and precision measurements are required.



## AST-M200C

Mid Wave Infrared  
Inspection System

Mid Wave Infrared platform designed for defect detection, analysis, and thermography on wafers, die, devices, and more.



## AST-230M

Ergonomic Metrology  
Workstation

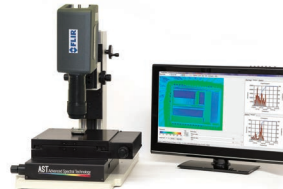
An easy to use metrology workstation with a range of recipe controlled illuminations.



## AST-S200T

Short Wave Infrared  
Microscope  
Bench Top System

Designed for materials transparent to the Near Infrared (NIR) / Shortwave Infrared (SWIR) wavelengths.



## AST-M150T

Mid Wave Infrared  
Microscope for Defect  
Detection and Analysis

Mid Wave Infrared Bench Top Microscope for defect detection, analysis, and thermography.



## Setna Ontos7

Atmospheric Plasma for  
Surface Preparation



Ontos7 provides a rapid atmospheric process which reduces surface contaminates.



## AST Services:

- Service all brands and styles, Preventative and repair
- Calibrate most instruments and systems
- Training your staff on proper operation and techniques
- Upgrading for Digital Imaging, Analysis, Illumination Techniques, etc.
- Application Specialists, Let us help you figure out how to do what you need for your process, procedure, Metrology and/or inspection requirements!