

Produced and Distributed by AST, Inc.

AST-M200C

Features & Specifications:

- Meant as an aid to find defects either visually or thermographically with the MWIR band (3-5 microns)
- Thermo graphic microscope to find thermally identifiable defects
- Applications for Aerospace, medical device, semiconductor and forensic; materials and processes development and analysis
- Magnifications from Macro to 1x, 2.5x, 4x and 5x
- Precision 0.10 micron resolution 200mm travel motorized stage for accurate navigation and metrology
- Stage has 6mm cross-roller, lead-screw/stepper motor construction and can accommodate heavy loads (up to approximately 25 kilos)
- Precision 0.10 micron Z axis 250mm travel motorized column for sample and tooling compatibility and Z axis metrology
- Thermal detection to 20 mK
- Spatial resolution below 10 microns 640 x 512, 20 micron pixel
- InSb FPA on a closed cycle dewar (no LN2 required)
- Self-contained work station with probe platforms on both sides of stage
- System includes various image analysis and enhancement features
- System includes image stitching for large sample, high resolution work
- A host of options and configuration are available and systems can be custom built for your applications



The **AST-M200C** is a new Mid Wave Infrared Microscope for defect detection and analysis. It is a universal configuration for a multitude of applications. Powerful software is included.

Another high quality product from

AST Advanced Spectral Technology

www.advancedspectral.com

For more information, please contact Tom Persico at AST, (805) 527-7657.

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