Crystal Vision emission microscope

Enhanced topside & backside photon emission analysis with advanced Liquid crystal and FMI thermal options

Features & Benefits:

XP Professional based OS – with advanced imaging functions:
- Automated capture process simplifying emission capture and overlays.
- Filter process for removal of hot pixel and cosmic ray noise.
- Calibration tables matched to the camera – increased sensitivity.
- Color overlays and multiple window views for emission comparison.
- Histogram and image math functions.
- 12-bit Analog/ Digital hybrid enabling real-time imaging capability.
- Patent Pending Stabilize Imaging for unsurpassed thermal sensitivity.

Software control of illumination intensity - for multiple laser lines.
Liquid crystal and FMI modules available.
Video feed out allows interface to existing probe station software.
High Sensitivity Extended IR CCD Sensor (visible to NIR range) or InGaAs and Mercad thermal options.
Excellent anti-blooming characteristics.
Pixel by Pixel gain correction.
High-resolution and low dark current.
Parametric control head option for biasing.
Air-cooled camera with typical 60°C Differential (-35 to -45°C at the sensor).

Versatile mounting options for portable or dark box based systems.

Tester-based         Probe Station          Bench-top

as clear as...

Crystal Vision

www.fainstruments.com