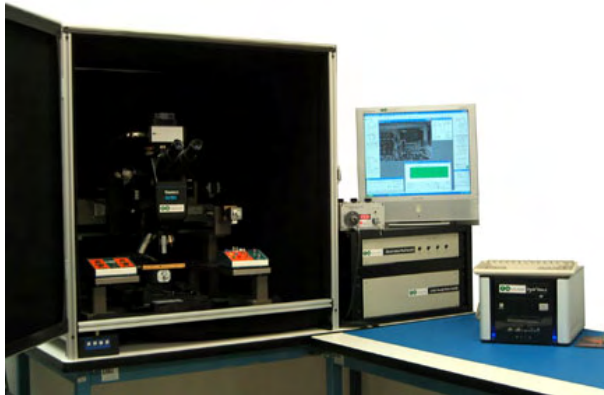


# Crystal Vision

## 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.

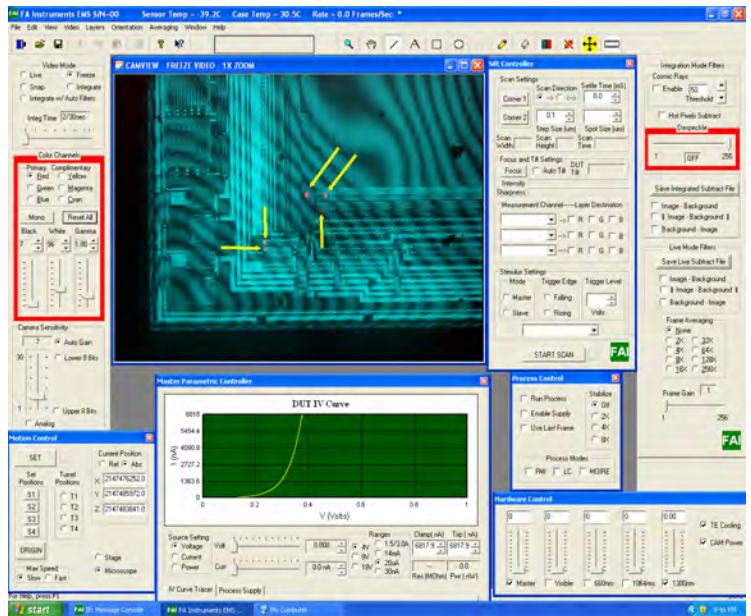
Excellent anti-blooming characteristics.

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)



Tester-based



Probe Station



Bench-top

**Versatile mounting options  
for portable or dark box  
based systems**