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IRLabs

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IRLabs E-News

IREM Upgrades
April 2010

Boost IREM Resolution, Repeatability and Speed.

Get immediate benefits for your FA lab with IRLabs' new Lens Slide Assembly, Auxiliary Electronics, and AIRIS software upgrades.

For more information:

sales@irlabs.com
+1 (520) 622-7074

Feedback-Controlled Lens Slide Assembly

Four times faster and an order of magnitude better resolution.

Get fast, repeatable performance without loss of region of interest (ROI) by upgrading your 2- or 3-position lens slide to a new high-speed, high-resolution, closed loop lens slide.

- Now 100nm resolution.
- "Pan from static" - fast and accurate panning from static guide image.
- Kinematically mounted sectors preserve offset value (parcentricity) accuracy for fast lens and sector swaps.
- Return to same ROI following lens swap for most consistent imaging and best reporting.
- High-speed lens slide travel.
- Ready for future SIL lens sector upgrade.



Don't yet have an IRLabs IREM?

We'll be happy to demo a system for you.

[Join Our Mailing List!](#)

Auxiliary Electronics

Save time and improve quality for day-to-day repeatability with this power supply and motion controller for the Lens Slide:

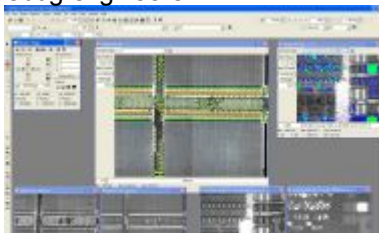
- High-speed, high-repeatability motion control for improved parcentricity.
- Constant current sources for the illuminators to maintain image consistency for day-to-day repeatability and temporally stable illumination.
- Full software control for selection of illuminators.



AIRIS Software Upgrade

Optimize the functionality of your IREM system with software designed from our 14 years of IREM expertise and customer input:

- GUI interface designed for FA/debug engineers.
- Hot keys for faster operations.
- Advanced imaging features for more speed and accuracy of device imaging.
- Advanced Mosaic features to



enhance efficiency of large die imaging.

- CADNav features for easier overlay configuration.
- More automated features to save time and increase accuracy.
- Stage and lens slide control features to improve speed and crash safety.



Contact us today for more information or to request a quote:

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