



### Happy Holidays from Everyone at k-Space Associates

This has been an exciting year for us at k-Space. Thank you for your business! We continue to enhance our product line through close collaboration with our customers and provide unparalleled technical support and individually attend to customer needs. We will continue this tradition by adding new technical and support staff in response to growing demand for our products. 2007 looks even brighter, as product development includes new applications. We look forward to sharing our newest products and working with you in the New Year. *k-Space will be closed December 20 for the holidays, resuming normal business hours January 3.*

### Single Port kSA BandiT Now Available for MBE

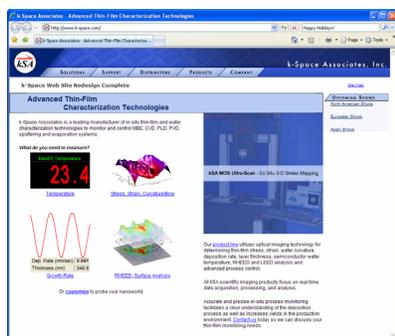
kSA BandiT applications that require a light source, such as wide band gap materials or low-temperature monitoring, also require two separate viewports on most MBE systems. Knowing these ports are a precious commodity, kSA has developed a light source and detector design integrated onto a single 4.5" CF viewport. Now any viewport with angle from zero to 65° with respect to substrate normal is a candidate for kSA BandiT single port installation. Please contact k-Space for more information and to discuss your application.



Single port kSA BandiT on 4.5" CF viewport

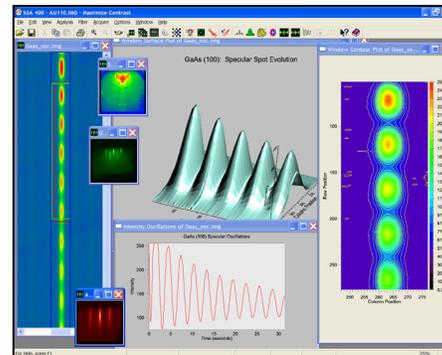
### New kSA Website Design Complete

k-Space knows that the best products are developed with customers' input. Now, we have incorporated your input into making our website better, too! Visitors will find new features on the web site, including an easy way to compare kSA products applications. We also have added more customer-specific details of how each product can be used along with key technical papers and overview documents to facilitate understanding of all kSA products. Please go to [www.k-space.com](http://www.k-space.com) to have look! As always, customer feedback is welcome.



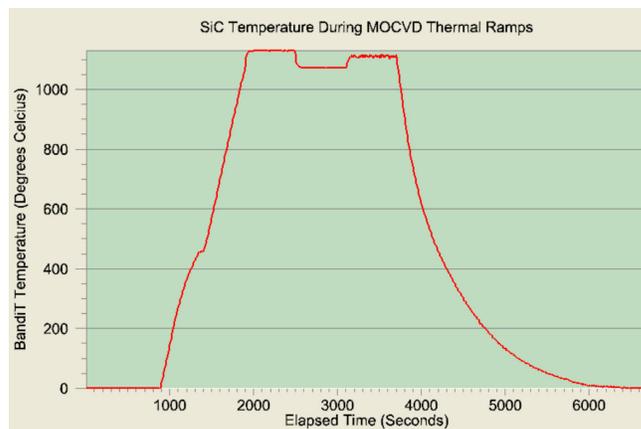
### Upgrade Your kSA400 Software Today for New Powerful Features

The kSA400 is the most prevalent analytical RHEED system available, with hundreds of systems installed worldwide. In addition to providing world-class support, we continue to add new features that make today's kSA400 more powerful than ever. If your current system is more than a year old, upgrade your kSA400 system today and enjoy many new features, including:



- Real-time growth rate analysis*
- Real-time scan mode image display*
- Increased data point limit and enhanced memory management for long growth runs*
- Multiple live video inputs*
- Numerous Firewire cameras supported*

### High-Resolution SiC Temperature Measurement from RT-1100°C+ with kSA BandiT



4H SiC substrate temperature measurement during MOCVD system thermal ramp from RT-1100°C

With new advancements in solid-state spectrometers operating in the 300nm range, the kSA BandiT can directly measure SiC substrate temperature during growth from room temperature to 1100°C and higher. Designs are available for all commercial MOCVD and MBE systems. Please contact k-Space for more details or to arrange for an on-site demonstration.