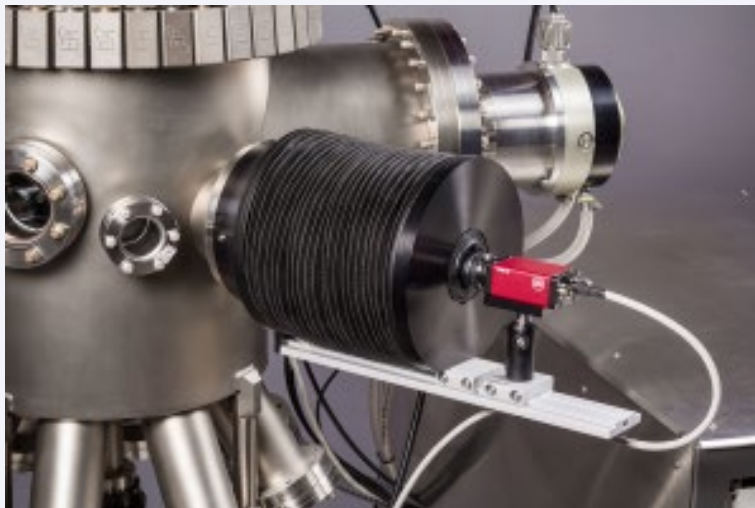




### **kSA 400 Lite Now available!**

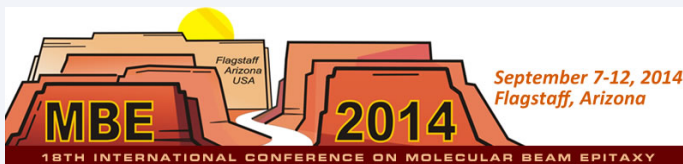
The kSA 400 is the industry's most powerful analytical Reflection High-Energy Electron Diffraction (RHEED) system available today. In addition to providing your window into RHEED, we are proud to provide the best customer support in the industry.

Do you need to acquire RHEED images and growth rate information, but don't need the full power of the kSA 400? We now offer kSA 400 Lite. The kSA 400 Lite has the same great hardware and customer support as the full kSA 400 software. kSA 400 Lite offers real-time growth rate, and full kSA 400 upgrade capability are some of the features of kSA 400 Lite. [Click here](#) for complete product specs, including a table comparing the features of kSA 400 and kSA 400 Lite software



### **ICMBE 2014 and RHEED Survey Results**

We're sure everyone enjoyed ICMBE 2014 in beautiful Flagstaff, AZ! We were pleased to have over 50 attendees fill out our RHEED survey – thank you! We had two survey winners (picked randomly) - congratulations to Steffen Schreyeck of The University of Wuerzburg, and Sai Krishna Ojha of North Carolina A&T State University on winning iPad Minis for their participation in our RHEED Survey.

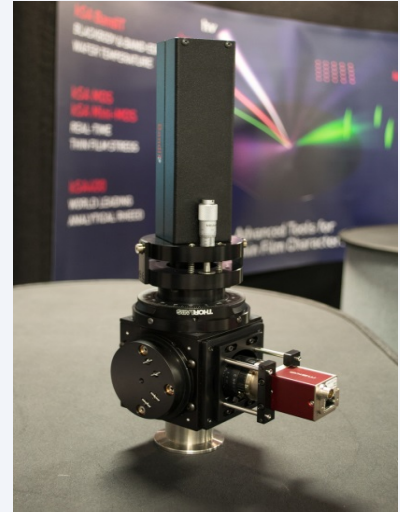


The survey results were very interesting. We learned that about 60% of those surveyed record full kSA 400 movies when they acquire data – that's a lot of data storage! We also learned that about 1/3 of those surveyed use the built in lattice spacing/strain capability – that's more than we thought would use this advanced capability. Most of those surveyed said they would be interested in a RHEED simulation capability, whereby they could simulate RHEED patterns under different conditions, surfaces, and orientations. Hopefully we'll surprise you in the near future with just such a capability! Finally, many RHEED users are not happy with their current camera resolution and dynamic range (not necessarily using our kSA 400). Please note that we currently offer 3 camera options for the kSA 400, including a fast camera option (up to 110 frames/sec) and a high-resolution option (2750 x 2200 pixels). Please see our kSA 400 product specs (link) for further details and do not hesitate to ask us about software or camera upgrades for your exiting kSA 400 system.

## Optional Camera now Available for BandiT Systems

Have you ever wanted to be able to look at the sample inside your chamber but you don't have any available viewports? k-Space is now offering an optional integrated camera for our popular kSA BandiT system. The camera allows you to view inside your chamber without having to move your BandiT, and can be used simultaneously with acquiring your BandiT substrate temperature. Or use the camera to see your sample transfer and keep an eye on your wafer during heating or rotation.

The optional camera can easily be added to existing BandiT detectors; just remove your mounting ring and screw on the camera cube instead. More details are available in our updated [BandiT product specs](#).



## End of the Year Specials

k-Space is offering end of the year special on software upgrades, camera and lens upgrades, analysis only keys and \

## Career Openings at k-Space

k-Space is actively seeking a technical sales engineer and software developer to join our staff. Please see our Careers page ([link](#)) for more details!



## Visit k-Space at the Following Tradeshows and See the Newest kSA Products in Action:

2014 MRS Fall Meeting & Exhibit  
Nov. 30 – Dec. 5, 2014 in Boston, MA USA  
<http://www.mrs.org/fall2014/>

The Exposition for Semiconductor Manufacturing  
December 3-5, 2014 in Tokyo, Japan  
<http://www.semiconjapan.org/en/about/overview>

Stop by the booth and see the latest product offerings and demonstration equipment. We take pride in always being available to chat – please don't hesitate to give us a call with any questions, concerns, or suggestions!