



Your Metrology Partner

- Identify cracks, chips, scratches, digs, pinholes and other defects.
- Our tool compares coated or uncoated glass lites and panels against your defined standards.
- Quickly quarantine or scrap defective product as it moves down the line.
- Distinguish between defects and minor irregularities.
- Reduce downtime and lower your scrap costs.
- Includes detailed image processing and data storage capabilities.
- In-process QC validation ensures your panels conform to your standard.
- Includes customizable software.
- Works with both clear/transparent glass and opaque glass.
- We can fully integrate this solution into your existing environment.
- Increase your throughput!

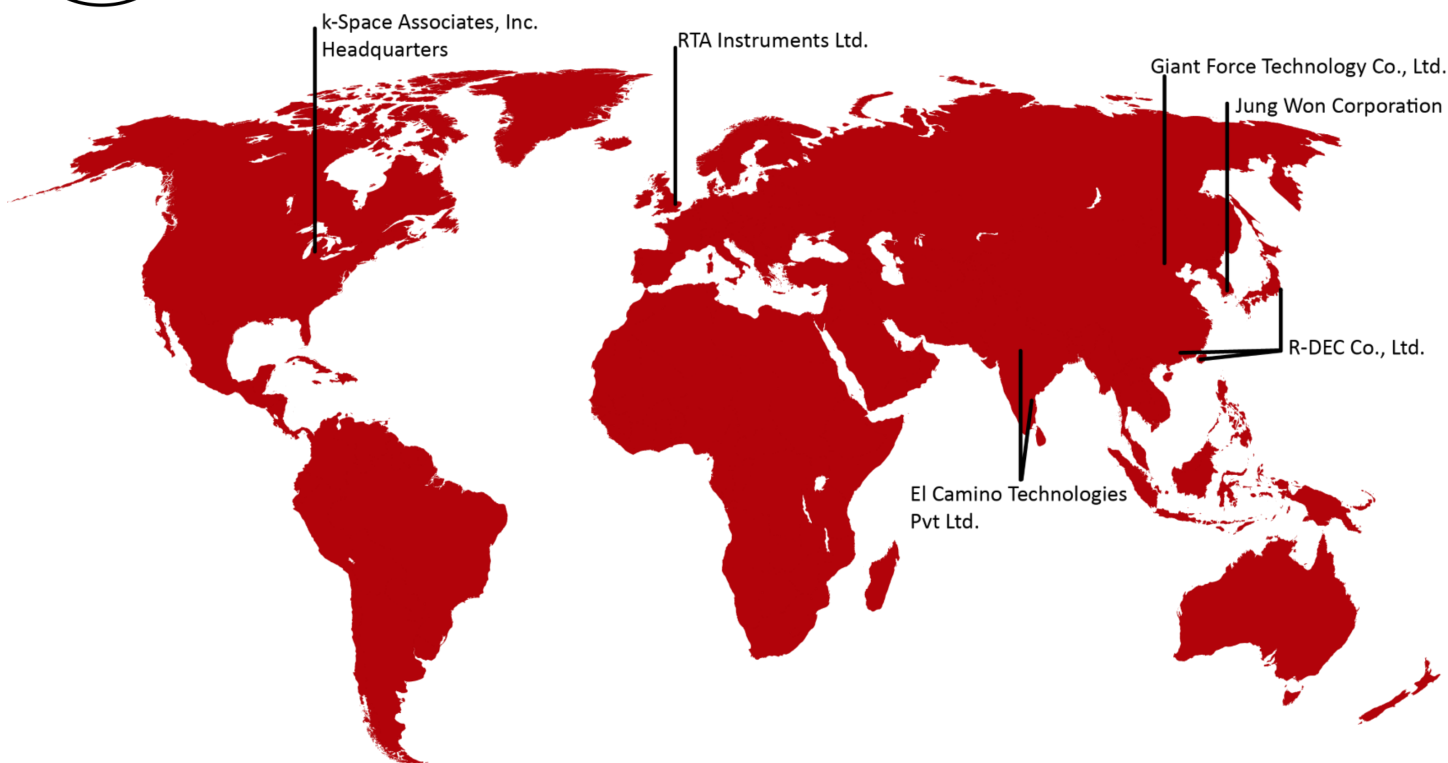


Glass Breakage & Defect Detection



k-Space builds custom metrology tools for solar panel makers, semiconductor chip companies, research labs, and production environments. **Take your production to the next level.**

- Our **Glass Breakage & Defect Detection** tool is a vision-based metrology tool that determines Go/No-Go for every glass lite and panel it inspects inline during processing.
- Captures, analyzes, and stores data using proprietary k-Space software.
- High-resolution encoders trigger spatially-resolved linescans as the panels move under the LED lighting.
- Custom frame enclosure houses linescan camera, LED lights, and photoeyes. System includes glass breakage detectors, standalone electronics cabinet, CPU, and monitor.



k-Space metrology products are used at over 1,000 sites in over 40 countries on 6 continents

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k-Space Associates, Inc.

Since 1992, k-Space has delivered the most advanced metrology tools and software thanks to close collaboration with our worldwide customer base.

Ask a k-Space engineer today about your measurement challenges.