

## **T-Vision enables video-rate imaging of defects in wearable electronics.**

*Microtech introduces new THz imaging system at a tradeshow in Hong Kong.*

*Eugene, OR, August 27, 2015.* Microtech Instruments, Inc. announces the availability of T-Vision - a new THz imaging system designed for research and industrial applications, such as non-destructive screening of products for hidden defects.

Operation of the T-Vision is based on upconverting the THz image to the near-IR. By mixing the narrowband THz pulse with a near IR pulse at 1064 nm, the THz image is spectrally shifted to around 1070 nm, where it can be detected with a conventional CMOS camera. The imaging system takes advantage of unique features of high power THz source TPO-1500, developed and patented by Microtech.

Microtech is making a demo of T-Vision available for testing to potential customers, partners and investors at its facilities based in Eugene, Oregon. Several videos demonstrating capabilities of T-Vision are available on Microtech website, including:

- [Imaging of concealed items](#)
- [Screening for defects in multi-layer plastics](#), used in manufacturing of wearable electronics

If you are interested in scheduling a meeting or requesting pricing information, please contact Renee Isley at [renee@mtinstruments.com](mailto:renee@mtinstruments.com)

### **About Microtech Instruments, Inc.**

Microtech Instruments is a manufacturer of advanced scientific instruments for Terahertz imaging and spectroscopy applications. Serving the global scientific community for over 15 years, Microtech Instruments established a strong reputation for delivering highly functional and reliable products. Committed to innovation, Microtech collaborates with leading research organizations and major industrial companies worldwide. For more information please visit [www.mtinstruments.com](http://www.mtinstruments.com)