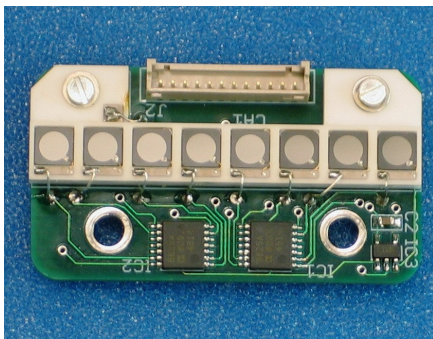


Press Release

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Spectrum Detector Delivers Pyroelectric Detector Array to University of Manchester

Don Dooley, President of Spectrum Detector, announced that they successfully completed the design and development of the Pyro Array and delivered it to University of Manchester.



Spectrum Detector Inc, a leading manufacturer of pyroelectric detectors, electronics and instruments for optical, laser and THz measurements was selected by Dr. John Young at the University of Manchester to develop a unique 8 element Pyroelectric Detector Array and Electronics for use in a THz Tomography Project that is being pursued jointly with University of Leeds and University of Southampton and funded by EPSRC (UK).

The first of several arrays have been completed and provided to Dr. Young for test and evaluation. The goal was to create a multi-element linear array with large, 3 mm diameter elements, that exhibited high voltage output and low noise ($NEP < 1.0 \times 10^{-9} \text{ W}/(\text{Hz})^{1/2}$). The detector will be used with a novel Fibre Laser Based THz source in the 0.5 to 2 THz range. The research involves investigating THz absorption in the water bands of high-pressure flames.

All Spectrum Detector products are available in the UK from Laser Lines Ltd. For more information please contact Steve Knight on 01295 672500 or email stevek@laserlines.co.uk

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