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## LN<sub>2</sub> Cooled HgCdTe Detectors

### TECHNICAL DATA & INFORMATION

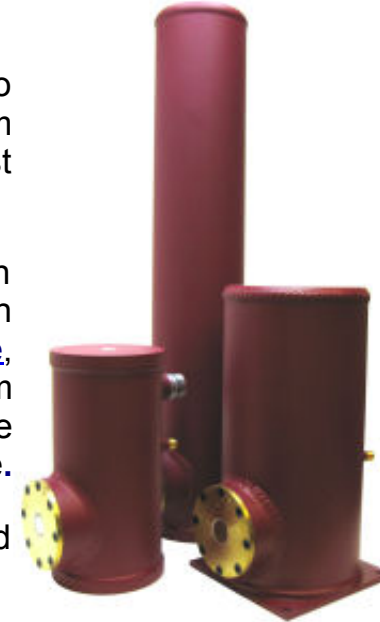
**Infrared Associates, Inc.** offers high quality **Liquid Nitrogen cooled HgCdTe detectors**. Each detector is optimized for specified wavebands of; 2µm to 5µm, 2µm to 13µm or our FTIR Series with wavebands up to 2µm to 24µm, as shown in the [table](#) below.

The **FTIR series** of HgCdTe detectors are designed to achieve optimum performance in Fourier Transform Infrared spectrometers. The detectors offer the highest sensitivities with cutoffs ranging from 750 to 400 cm<sup>-1</sup>.

A variety of dewar designs are available, all supplied with wedged windows to eliminate interference effects. In addition to the standard sizes listed in the following [table](#), custom configurations are available on request. Custom packaging, both metal and glass, designed to interface with customer specified cooling systems, is also available.

[Accessories](#) such as Preamplifiers, Valve Operators and Square Base Adapters are also available.

[Contact us](#) to discuss your specific requirements.



**Typical Operating Circuit**

