

Features

- ✓ Practical high-performance radioisotope identifier
- ✓ Compact and portable
- ✓ Independent 3rd-party test results for passing radiological ANSI N42.34 and DND0 TCS standards available by request
- ✓ Option for $\leq 0.8\%$ FWHM energy resolution at 662 keV and interaction-by-interaction resolution of $\leq 0.65\%$ FWHM
- ✓ Real-time 360° isotope-specific directionality
- ✓ Ready to use in less than 90 s
- ✓ Industry-leading efficiency with over 19 cm³ pixelated CZT
- ✓ No cryogenic cooling required
- ✓ Energy range covers isotopes of interest up to 3 MeV
- ✓ Real-time isotope detection and identification
- ✓ Embedded user interface with one-handed operation
- ✓ Optional embedded neutron detector
- ✓ Software updates included
- ✓ Wireless connectivity option
- ✓ Network webpage interface for mobile devices

H3D[®]'s Next Generation A-Series is the new standard in radioisotope identification devices (RIIDs). Designed to meet your needs, experience:

- High energy resolution
- High efficiency
- Directionality
- Compact and ergonomic design



The most advanced semiconductor technology available to achieve spectroscopic performance competitive with cryogenically cooled detectors for:

- Border security
- First responders
- Military and defense
- Environmental radiation measurements



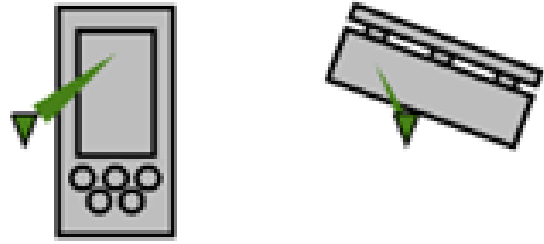
About H3D, Inc.

H3D[®] is commercializing CZT-based 3D radiation-imaging technologies. Our team has over 100 years of combined experience in Compton Imaging, CZT readout, and system integration. We are employee-owned, market-driven, and committed to providing our customers with the highest performance and most user-friendly instruments possible.

Directional:

Embedded isotope-specific Compton imaging allows multiple sources – even of the same isotope – to be localized simultaneously in real time.

This screen shot at the right shows Cs-137 located below and to the left of the A400.



Compact:

The A400 is designed to be compact and portable. It can be belt mounted and operated while wearing gloves.

Reliable:

The A400 is designed to be operated in real field conditions. Tested for weather, vibration, and drop, the A400 can withstand field usage. With no cryogenic cooling required, go from shelf to measurement in 90 s.

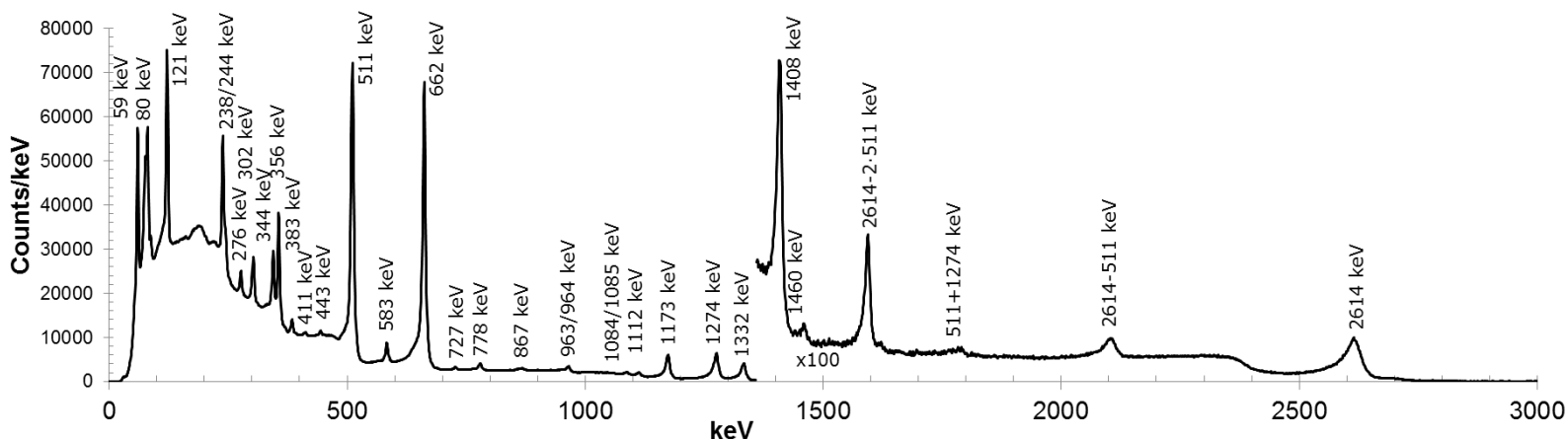
Efficient:

With large-volume CZT crystals, the A400 has industry-leading efficiency, which allows measurements to be completed quickly and accurately.



Spectroscopic:

Spectroscopic performance competitive with cryogenically cooled detectors allows superior isotope ID in real time and advanced analysis.



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No. 10,032,264 & U.S. Pat No. D867,169.

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