



DETECTORS FOR CHALLENGING APPLICATIONS

MIRION IS THE LEADING PROVIDER OF INNOVATIVE AND COST-EFFECTIVE NUCLEAR MEASUREMENT SOLUTIONS USED TO MAINTAIN SAFETY, ASSESS THE HEALTH OF NUCLEAR FACILITIES AND SAFEGUARD THE PUBLIC AND THE ENVIRONMENT.

Since 1968, Mirion has also been committed to the development, manufacturing and service of unique specialty detectors for international scientific experiments and specialty designs.

Driven by diverse needs in fundamental and applied research applications, a range of technologies has been developed over many years that enables Mirion to maintain its technological leadership in semiconductor detector development.

Mirion has been supplying detectors and instrumentation used in cutting-edge materials analysis, physics, and space studies to some of the world's leading industries and research institutes. Mirion's dedicated R&D structure allows us to deliver innovative nuclear detection systems based on a comprehensive exploration of all available and emerging technologies.

Our passion for fully understanding the needs of our customers is key to our ability to provide the best solutions to contribute to their success.

State of the art breakthrough technologies developed by Mirion include:

- Array of several detectors in a unique cryostat
- Encapsulation and Ultra High Vacuum (UHV) sealing
- Segmentation of detector electrodes

These versatile technologies are not only the tools with which Canberra™ nuclear detection systems are built, but also the tools that are building the future of the nuclear industry.

Complex: First Electrically-Cooled Clover Array Detector

