



# Portable HPGe Detectors

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## DESCRIPTION

The portable HPGe detection unit offers high-resolution gamma spectroscopy in a compact form, ideal for field applications such as environmental monitoring, nuclear safety, homeland security, health physics, and emergency response. Utilizing liquid nitrogen (LN<sub>2</sub>) cooling, it ensures optimal detector performance with excellent energy resolution. The system is designed for reliable operation in remote or demanding environments, with rugged construction and easy transportability. Despite the need for periodic LN<sub>2</sub> refills, it provides stable, high-quality spectral data and fast start-up. This unit is a trusted solution for precise radioisotope identification where portability and laboratory-grade accuracy are required.

## FEATURES

- Ultra-light cryostat fabrication for minimum gamma absorption
- Light weight aluminum construction
- Detection of radiation in any spatial orientation
- Available with all HPGe detector types
- Transportation and storage without cooling

## COMPLETE SET

- HPGe detector in portable cryostat
- SHP Preamplifier with cooling input stage
- Portable Dewar vessel
- Protective frame with handles
- Cable set

## ADD-ONS

- Multi Channel Analyzer MCA
- Analysis Software GammaPRO
- Advanced software package MCC-MT
- Lead Shield
- Etc.



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# Gamma-rays