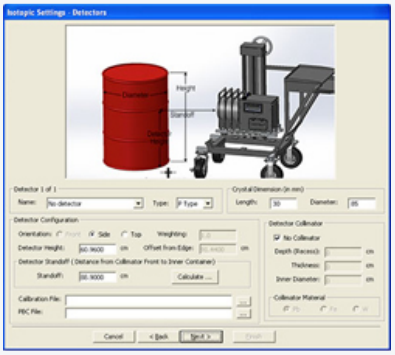
ORTEC

ISOTOPIC

ORTEC measurement and analysis software

Software for gamma-spectrometric waste assay and characterization of large samples and waste containers.



Primary function
Gamma-spectrometric waste assay and site characterization [1]

Measurement systems
High-resolution HPGe spectra from large bulk samples [1]

Sample geometries
Boxes, cylinders/pipes, point sources, small containers and infinite plane [1]

Specifications

DETECTOR

Sample geometries	Boxes, cylinders/pipes, point sources, small containers and infinite plane	[1]

SOFTWARE & DATA

Primary function	Gamma-spectrometric waste assay and site characterization	[1]

ENVIRONMENT & RATINGS

Reference calibration	Traceable point-source calibration extrapolated to sample geometry and matrix	[1]

GENERAL

Measurement systems	High-resolution HPGe spectra from large bulk samples	[1]
Calculation method	Point-kernel method for containers; EML 1-metre method for uncollimated soil measurements	[1]
Multiple measurements	Weighted average of sequential or simultaneous measurements	[1]
Database	MS Access-compatible database for analysis parameters and results	[1]
Reporting	Standard reports and custom reports through Crystal Reports	[1]
Automation	Command-line analysis engine; hardware control via ORTEC UMCBI	[1]
Access control	Supervisor/Operator modes with configured operator permissions	[1]

Sources

[1] **ISOTOPIC Gamma Spectrometry Waste Assay Measurement**
ORTEC (AMETEK) · product-page · Page title / Introduction; More Information; Applicability · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/software/isotopic

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer’s published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.