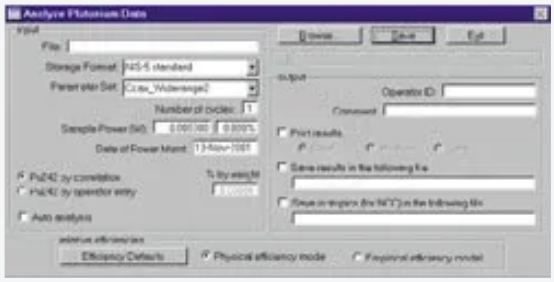
ORTEC

FRAM

Software · analysis

FRAM – software · analysis from ORTEC.



Primary function

Plutonium and uranium isotopic analysis from gamma spectra [1]

Analysis method

Fixed-energy Response-function Analysis with Multiple efficiency [2]

Detector support

HPGe, LaBr3 and CZT d etectors, incl. ORTEC Det ective and trans-SPEC; pix elated CZT analysis added in ver sion 7.1 [1]

Specifications

Primary function	Plutonium and uranium isotopic analysis from gamma spectra	[1]
Analysis method	Fixed-energy Response-function Analysis with Multiple efficiency	[2]
Detector support	HPGe, LaBr3 and CZT detectors, incl. ORTEC Detective and trans-SPEC; p ixelated CZT analysis added in version 7.1	[1]
Standards calibration	Standards calibration is not required for isotopic ratios	[1]
Automation	Command-line mode for integration into custom applications	[1]
Analysis parameters	Version 7.1 parameter sets are backward compatible	[1]
Ordering model	FRAM-BW: version 7.1 including MAESTRO-Pro	[1]
Software version	7.1 (minor upgrade from version 6.1 of 2020)	[2]

Sources

[1] **FRAM Plutonium and Uranium Isotopic Analysis**
RTEC (AMETEK) · product-page · page heading; feature list; 'Analysis Improvements in FRAM V7.1'; More Information – 'Analysis Methods' · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/software/fram

[2] **FRAM V7.1 Plutonium and Uranium Isotopic Analysis Software**
RTEC (AMETEK) · brochure · p. 2, intro; p. 1 title 'FRAM V7.1' and p. 2 · checked 2026-10-16
https://web.archive.org/web/20230209125145/https://www.ortec-online.com/-/media/ametekortec/brochures/f/fram...

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.