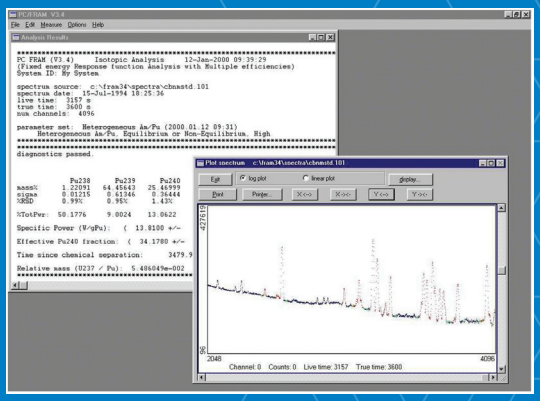
MIRION TECHNOLOGIES

FRAM™ Multi

Accurate isotopics from complex or overlapping gamma spectra



Perform efficient, accurate gamma-spectroscopy and relative isotopic abundance determination of plutonium (Pu), uranium (U), and other actinides with FRAM Multi software. Built on proven FRAM methodology, it supports HPGe, $LaBr_3$, and CZT detector workflows for both laboratory and field use.

Why FRAM Multi

- Proven LANL FRAM algorithms—modernized in FRAM Multi
- Advanced deconvolution for overlapping peaks/multiplets
- Auto-analysis + smart diagnostics to minimize setup and errors
- Batch + command-line automation for high-throughput labs
- Broad file support: CNF, MCA, SPE, N42, TXT
- Editable parameter sets gives expanded analysis, delivering greater flexibility and improved accuracy
- Audit-ready, traceable outputs to support compliance and reporting
- Reliable analysis across heterogeneous waste and mixed matrices
- Accurate isotopics for sealed/shielded items—no calibration required
- Physical model can be applied to optimize geometry for complex and unknown sources
- Faster turnaround with automated batch processing for large datasets

Get clearer answers from complex spectra with FRAM Multi.

Learn more

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