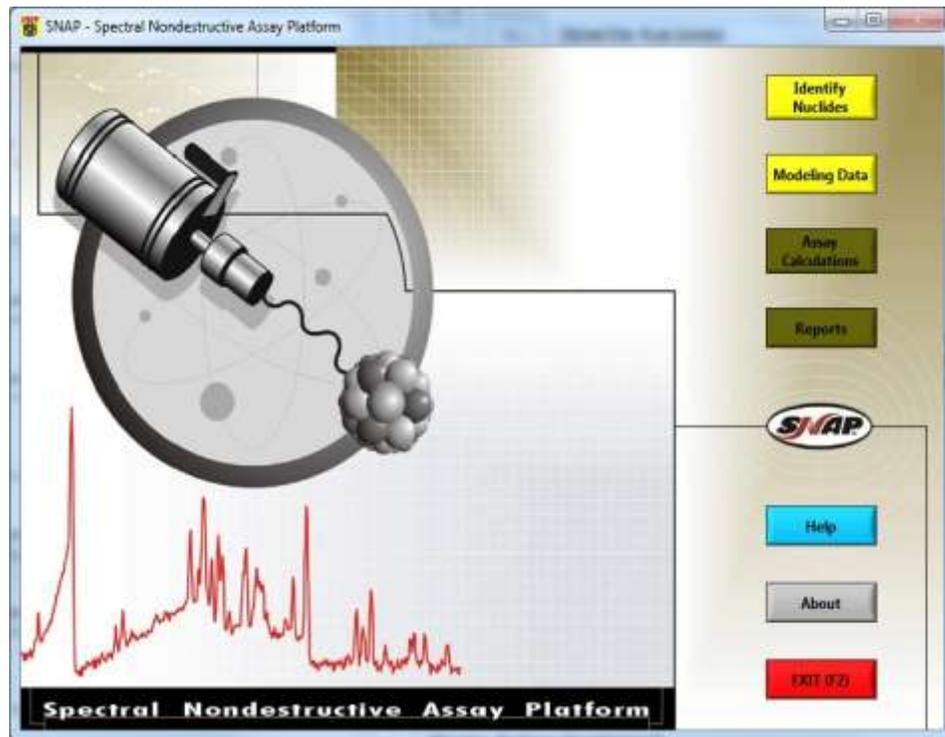




Pajarito Scientific Corporation

systems | services | solutions



Customer Focused – Solution Driven

SNAP™

Spectral Nondestructive Assay Platform

Overview:

SNAP™ is a spectral analytical software program originally developed by Eberline Services & now owned by Pajarito Scientific Corporation.

The program uses gamma spectral data from any counting system to produce assay results for any geometry and matrix.

SNAP™ allows the analyst to perform peak identification, source modeling, and assay calculations interactively with the program. When coupled with a stationary or portable spectroscopy system, SNAP™ offers accuracy and sensitivity comparable to state-of-the-art measurement systems such as segmented gamma scanners.

Features:

- Supports multiple detectors and is capable of importing all OEM report formats
- Executes the peak ID process in a real-time interactive mode allowing the educated Analyst to identify coincidence peaks, single or double escape peaks, multiplets, prompt gamma-rays, and fluorescence x-rays
- Allows the use of one intrinsic efficiency calibration for modeling an infinite number of geometries
- Provides a graphical differential peak analysis to view relative activities of different energy peaks (a very powerful analytical tool)
- Provides detailed error analysis (including errors from attenuation and geometry assumptions, statistical error, and detector efficiency error)
- Allows specialized weighting of 1920 discrete point kernels within the user-defined geometry
- Provides results for area sources (dpm/100 cm²) and linear sources (Ci/cm) in addition to standard volumetric sources (box or cylinder)
- Performs MDA calculations of user-selected isotopes and energies
- Performs isotopic analysis for uranium and plutonium
- Performs Fissile Gram Equivalent calculation
- Supports matrix transmission corrections
- Outputs results in html format



Who Needs SNAP™?

SNAP™ is ideal for power plants, DOE facilities, universities, and contractors that:

1. Analyze complex spectra with multiple interferences (e.g., post-cladding breach)
2. Perform waste assay
3. Perform counts of large items, unique geometries, or items requiring multiple attenuation corrections
4. Teach the principles of gamma spectrometry
5. Provide waste assay or D&D services

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Pajarito Scientific Corporation (PSC) Published Price List

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SNAP™: Spectral Non-Destructive Assay Platform

SNAP™ is a spectral analytical software platform owned by PSC. The program uses gamma spectral data from any counting system to produce assay results for any geometry and matrix.

SNAP™ allows the analyst to perform peak identification, source modeling and assay calculations interactively with the program. When coupled with a stationary or portable spectroscopy system, SNAP™ offers accuracy and sensitivity comparable to state of the art measurement systems.

PSC recently completed a comprehensive upgrade to SNAP™ and this version, 2.0 is now available.

Pricing for SNAP™ 2.0

For a base license for SNAP™ V2.0: \$8,500 (One-time cost. No annual fee)

Upgrade an existing SNAP™ license to V2.0: \$6,800 (One-time cost. No annual fee)