ORTEC

Nuclide Navigator Pro

ORTEC measurement and analysis software

Reference software for nuclear data and emission lines in spectroscopy analysis.



Primary function
Interactive nuclide chart and reference database [1]

Nuclide data
Gamma, alpha and beta e nergies, yields, half-lives and decay relationships [1]

Library management
Create gamma-analysis libraries for GammaVision; ORTEC LIB and XML [1]

Specifications

Primary function	Interactive nuclide chart and reference database	[1]
Nuclide data	Gamma, alpha and beta energies, yields, half-lives and decay relationships	[1]
Library management	Create gamma-analysis libraries for GammaVision; ORTEC LIB and XML	[1]
Synthetic spectra	Synthetic gamma, alpha and beta spectra; high/low-resolution gamma	[1]
Decay calculation	Single nuclide, parent/daughter, nuclide groups and complete chains	[1]
Reporting	Selectable nuclide and emission-data reports	[1]
Reference data	Master libraries include NuDat 2.6 (10-21-16), TORI-99c5x, PC_NuDat-04 a nd other referenced datasets	[1]
License model	C53-BW: single-computer license; C53-CDW: 5-user license, requires purchase of C53-BW	[1]

Sources

[1] **Nuclide Navigator Pro Interactive Chart of the Nuclides and Reference Software**
ORTEC (AMETEK) · product-page · Page title / Introduction; Introduction; Library Manager · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/software/nuclide-navigator

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.