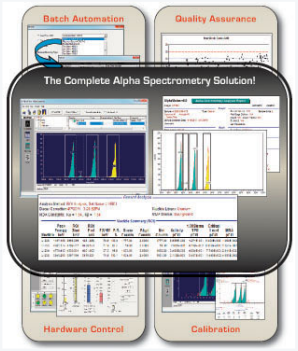
ORTEC

AlphaVision

Alpha spectrometry software

Control MCB electronics, acquire alpha-particle spectra, analyze results and create reports for radiochemistry laboratories.



Measurement systems
Alpha spectrometry with solid-state detectors [1]

Detector control
Up to 256 detectors in common interface, with software-controllable instruments [2]

Calibration
Energy and efficiency; historical calibration records [2]

Specifications

DETECTOR

Detector control	Up to 256 detectors in common interface, with software-controllable instruments	[2]

SOFTWARE & DATA

Peak analysis	Automatic/interactive peak fitting and activity analysis with tracer/recovery corrections	[2]

GENERAL

Measurement systems	Alpha spectrometry with solid-state detectors	[1]
Calibration	Energy and efficiency; historical calibration records	[2]
Detection limits	KTA, Currie and ANSI N13.30; Count-to-MDA	[2]
Database	Microsoft Access with data management and LIMS integration	[2]
Reporting	Standard reports and custom Crystal Reports reports	[2]
Quality assurance	Control charts, warning/alarm limits and detector-bias/chamber-pressure monitoring	[2]
Access control	User permissions and event logging	[2]
Automation	Batch templates, analysis templates and detector group control	[2]

Sources

[1] **AlphaVision Alpha Spectrometry Management**
RTEC (AMETEK) · product-page · Introduction · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/software/alphavision

[2] AlphaVision – Alpha Spectrometry Management Software
RTEC (AMETEK) · brochure · p. 2, Why AlphaVision? – Process Efficiency, footnote 2; p. 4, Calibration; p. 4 Calibration; p. 8 Analysis Methodology · checked 2026-10-16
https://web.archive.org/web/20231020172418/https://www.ortec-online.com/-/media/ametekortec/brochures/a/a36....

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.