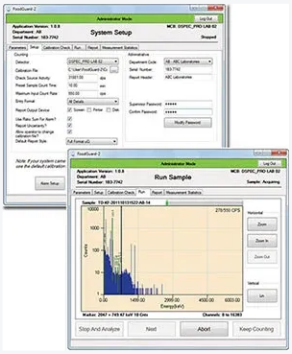
ORTEC

FoodGuard-2-AK

Add-on kit that turns a GammaVision system into a FoodGuard-2 station

Add-on kit for existing ORTEC gamma spectrometry systems running GammaVision. It installs in minutes without affecting the GammaVision system and, once calibrated, gives the full features of the FoodGuard-2 for measuring gamma-emitting radioactivity in food, water and agricultural samples. The kit includes the software, Marinelli beakers and a KCl check source.



Required combination

Existing ORTEC gamma spectrometry system running GammaVision under Windows XP or Windows 7 (32-bit) [1]

Contents

FoodGuard-2 software (FG-2-B32, version 1.0.11 or later), CONNECTIONS upgrade (797230, version 7.02.03 or later), 6 × 2-litre Marinelli beakers and check source (2-litre Marinelli beaker filled with KCl, ^{40}K) [1]

Detector requirement

The beakers suit HPGe detectors with an endcap diameter of 83 mm or less [1]

Specifications

Required combination	Existing ORTEC gamma spectrometry system running GammaVision under Windows XP or Windows 7 (32-bit)	[1]
Contents	FoodGuard-2 software (FG-2-B32, version 1.0.11 or later), CONNECTIONS upgrade (797230, version 7.02.03 or later), 6 × 2-litre Marinelli beakers and check source (2-litre Marinelli beaker filled with KCl, ^{40}K)	[1]
Detector requirement	The beakers suit HPGe detectors with an endcap diameter of 83 mm or less	[1]
Cs-137 MDC	Typical system with a 20% detector and 2-litre Marinelli beakers of liquid: 0.75 Bq/L in 10 minutes, 0.5 Bq/L in 30 minutes (ISO 11929; not guaranteed on any specific system)	[1]
Alarm	Configurable alarms when activity level, percentage or sum of activities is exceeded; editable limits tables derived from international standards (examples from e.g. the US FDA and WHO)	[1]
Reporting	Customizable reports in HTML and PDF format	[1]
Options	ANGLE-BW, advanced efficiency calibration software for HPGe detectors	[1]

Sources

[1] **FoodGuard-2-AK Add On Kit for High Resolution Germanium Gamma Spectroscopy Workstations**
ORTEC (AMETEK) · product-page · Overview; System Prerequisites; What is in a FoodGuard-2-AK Add-On Kit?; System Minimum Detectable Concentration · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/systems/food-monitoring-sys...

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.