

HEAT-CHECK FAST

FOR FASTER MEASUREMENTS



INHERENTLY FASTER

Up to 30% time saved for equivalent container volumes, even without predictive calculation

QUANTITATIVE AND NON-DESTRUCTIVE MEASUREMENTS

With the highest accuracy for isotopes like plutonium or tritium

RESULTS INDEPENDENT OF MATRIX AND CONDITIONING EFFECTS

Ideal addition to gamma spectrometry

SOFTWARE AND AUTOMATION OPTIONS

For simple and safe use

PERFORMANCE

Lower quantification limit*	Tritium	90 mg
	Plutonium	15 g
	Others	Following the specific activities of the materials to characterize
Higher quantification limit*	Tritium	9 g
	Plutonium	1.5 kg
	Others	Following the specific activities of the materials to characterize
Measurement accuracy		1.5%
Measurement precision		Better than 1%
Measurement time**		2 to 3 h

GENERAL

Container volume		Up to 15 L, others on request
Temperature control of containers	System	Air flow
	Range	30 °C
Dimensions (WxDxH)		1100 x 790 x 920
Weight		500 kg

* Following the limit in mW and the specific power of the radionuclide in mW/g

** Varies considerably with the mass, thermal conductivity and container shape. The measurement time indicated includes the use of predictive calculation algorithms.