



Hand-held Integrated Gamma Spectrometer

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DESCRIPTION

Hand-held Integrated Gamma Spectrometer with an integrated HPGe detector, preamplifier, multichannel analyzer, batteries, and software offers relatively compact, portable solution for high-resolution gamma-ray analysis. Its all-in-one design enhances field usability, requiring no external components for setup.

APPLICATION

Hand-held Integrated Gamma Spectrometer is ideal for nuclear safety, environmental monitoring, radiological emergency response, CBRN and waste characterization, it ensures rapid deployment and reliable data acquisition. The integrated system minimizes cabling, reduces noise, and simplifies operation, making it highly efficient for both laboratory and on-site measurements.

COMPLETE SET

- Hand-held Integrated Gamma Spectrometer mono-unit includes the following:
- HPGe detector unit (all types except GWD and GDWX) in 7l Dewar vessel
- State-of-Health Preamplifier SHP
- Digital Multichannel Analyzer
- Analytical software package for quantitative and qualitative analysis
- On-board rotating color display with touch screen
- Integrated battery set
- Accessories: battery charger, LN2 filling funnel, etc.
- Documentation set

Options:

- Advanced software package for Monte-Carlo simulations
- Transport plastic case on wheels



Parameter	Value
Integrated library	Yes, adjustable
Battery powered Spectrometer autonomy	6-8 hours
Weight	< 22 Kg
Operating temperature	0°C - +40°C