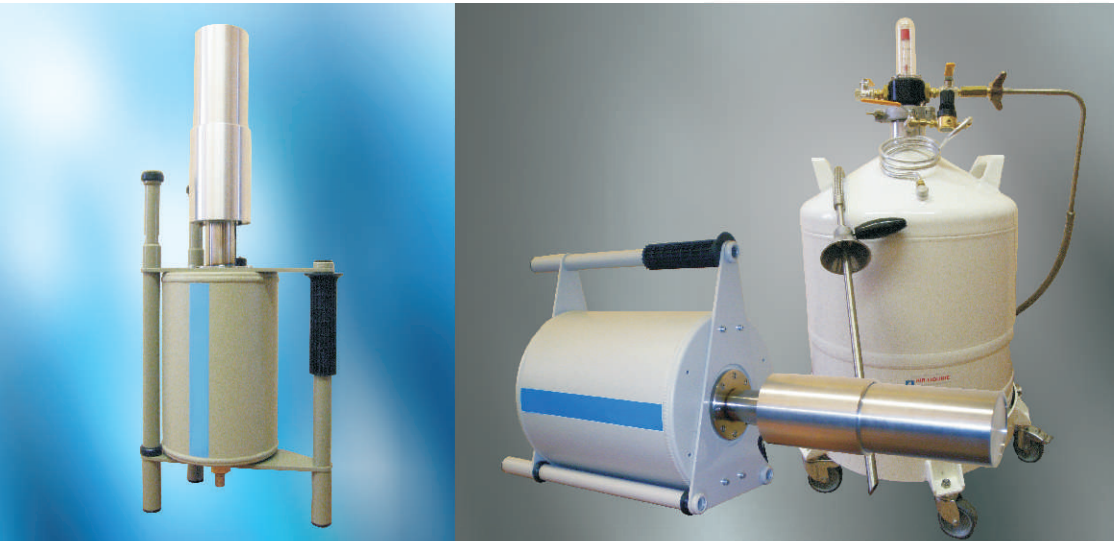




Specification

Parameter	Value
Energy range, keV	40 - 3000
HPGe detector efficiency, %	30*
Energy resolution for 30% efficiency detector, keV at energy	
122 keV	0.875
1.33 MeV	1.85
Peak to Compton ration	58:1
Time of cooling after filling with liquid nitrogen, h	4
Time of continuous operation (depending on Dewar vessel volume), h	24, 48, 96
Weight of detector with Dewar vessel, kg	7
1.5l	11
3.0l	15
5.0l	

* HPGe Detectors are available with efficiency from 10% to 100%



Portable HPGe Gamma-ray Spectrometer (Liquid Nitrogen cooled)

Application

Detection, accumulation and processing of gamma spectra in field and industry conditions where small dimensions and weight of spectrometer are important.

Complete set

- Portable HPGe Coaxial or Planar detector, Preamplifier with cooled input stage
- Digital or Analog-Digital Multi Channel Analyzer (regular or miniature)
- Analytical software for quantitative and qualitative analysis
- Portable Dewar vessel (from 1l to 7l)
- Liquid nitrogen storage and filling device

Features

- Light weight aluminum construction
- Detection of radiation in any spatial orientation
- Compact low consuming electronics
- Available with HPGe Coaxial or Planar detector
- Transportation and storage without cooling
- Aluminum, Beryllium or Carbon-fiber input window
- Dewar vessels available with different volumes from 1l to 7l

Accessories

- Hand-cart for Multi Channel Analyzer, battery, transformer, etc.
- Additional batteries
- Recharger
- Collimators
- Transport case
- Tripod

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Accessories

