



Specification

Model	Diameter, mm	Detector Sensitive Area		Energy resolution, eV	
		Area, mm ²	Thickness, mm	5.9 keV	122 keV
GPD - 05 145	5	20	6	145	465
GPD - 08 155	8	50	6	155	485
GPD - 12 165	12	100	7	165	490
GPD - 16 180	16	200	11	180	495
GPD - 25 300	25	500	13	300	545
GPD - 36 360	36	1000	13	360	585
GPD - 50 400	50	2000	15	400	600



HPGe Planar Detectors GPD

(Liquid Nitrogen cooled)

Application

Detection of Gamma and X-rays in nuclear energetics and environmental control, in industry and scientific research, in medicine and other applications.

Complete set

- HPGe Planar detector
- Preamplifier with cooled input stage
- Different cryostat modification are available
- Dewar vessel

Accessories

- Digital or Analog-Digital Multi Channel Analyzer
- Analytical software for quantitative and qualitative analysis
- Liquid nitrogen storage and filling device

Features

- Possibility of choosing preamplifier type with resistive or opto-electronic feedback
- Ability to increase energy rate up to 20000 MeV/s
- Energy range from 3 keV to 1500 keV
- Aluminum, Beryllium or Carbon-fiber input window
- Registration of radiation in any spatial orientation depending on cryostat modification
- Manufacture in variable cryostat design is possible

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Plenty of cryostat geometries available

