

High Purity Germanium Detector / Spectrometer Stock list

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Model	Cryostat / Cooling	Relative Efficiency (%)	Sensitive area (mm ²)	Energy resolution @5.9 keV	Energy resolution @122 keV	Energy resolution @1332 keV	Peak-to-Compton	Accessories
NitroSPEC GCD-10175	Hand Held / LN	10			825	1750	41:1	Accessory set for NitroSPEC
NitroSPEC GCD-10175	Hand Held / LN	10			825	1750	41:1	Accessory set for NitroSPEC
GCD-25185	V/H/P	25			850	1850	55:1	Hybrid / SW / LS(V) / LN2
GCD-30185	EMC	30			950	1800	61:1	Hybrid / SW / LS(V)
GCD-30185	EMC	30			950	1800	61:1	Hybrid / SW / LS(V)
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-45190	V/H/P	45			895	1900	63:1	Hybrid / SW / LS(V) / LN2
GCD-50190	V/H/P	50			895	1900	64:1	Hybrid / SW / LS(V) / LN2
GPD-12165	V/H/P		100	165	490			Hybrid / SW / LN2
GPD-12165	V/H/P		100	165	490			Hybrid / SW / LN2

Model	Remarks
GCD – High Purity Germanium Coaxial detector	
GPD – High Purity Germanium Planar detector	
Cryostat	
V – vertical, 22l Dewar vessel	
H – horizontal, 22l Dewar vessel	
P – portable, 7l Dewar vessel	– 2 items available
Cooling	
LN – Liquid Nitrogen	
EMC – Electric Machine Cooling	– 2 items available
Accessories	
Hybrid – MS Hybrid (16K MCA)	
SW – Analytical software SpectraLineGP	
LS(V) – Lead Shielding (used only with vertical cryostat detectors)	– 2 items available
LN2 – Liquid Nitrogen sensor and visualisation monitor	