

52110 Gamma Ionization Chamber**GENERAL SPECIFICATIONS**

Maximum diameter (inch/mm)	0.63/16.0
Maximum length (inch/mm)	6.1/154.9
Effective length (inch/mm)	3.38/85.9
Cathode material	Stainless Steel
Outer casing material	N/A
Fill gas	Xenon
Fill pressure (torr)	7600
Anode connector	Flying Lead
Cathode connector	Flying Lead
Guard connector	Flying Lead
Effective volume (cm ³)	17.0

OPERATING CHARACTERISTICS

Recommended operating voltage (volts)	1500
Maximum operating voltage (volts)	3000
Operating temperature range (°C)	-50 to +100
Gamma sensitivity (a/R/hr - Co60)	1.5E-10
Gamma sensitivity (Cs137) (a/R/hr)	1.55E-10
Gamma flux range (R/hr)	1.0E-3 - 1.0E4
Resistance - signal electrode to guard (ohms)	>1.0E13
Resistance - hv electrode to guard (ohms)	>1.0E13

