

52120

Gamma ionization chamber

GENERAL SPECIFICATIONS

FILL PRESSURE (TORR)	760
ANODE CONNECTOR	Flying Lead
CATHODE CONNECTOR	Flying Lead
GUARD CONNECTOR	Flying Lead
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
EFFECTIVE VOLUME (CM ³)	17.0
MAXIMUM LENGTH (INCH/MM)	6.1/154.9
EFFECTIVE LENGTH (INCH/MM)	3.38/85.9
OUTER CASING MATERIAL	N/A
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Nitrogen

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
MAXIMUM OPERATING VOLTAGE (VOLTS)	1500
OPERATING TEMPERATURE RANGE °C	-50 to +100
GAMMA SENSITIVITY (A/R/HR - CO60)	2.0E-12
GAMMA SENSITIVITY (CS137) (A/R/HR)	1.5E-11
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - HV ELECTRODE TO GUARD (OHMS)	>1.0E13

