

52119

Gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	22.37/568.2
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
EFFECTIVE LENGTH (INCH/MM)	19.68/500.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Xenon
FILL PRESSURE (TORR)	7600
EFFECTIVE VOLUME (CM ³)	100.0
OUTER CASING MATERIAL	N/A
ANODE CONNECTOR	Flying Lead
CATHODE CONNECTOR	Flying Lead
GUARD CONNECTOR	Flying Lead

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	1000
GAMMA SENSITIVITY (A/R/HR - CO60)	5.0E-10
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - HV ELECTRODE TO GUARD (OHMS)	>1.0E13

