

501

Gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.19/55.63
MAXIMUM DIAMETER (INCH/MM)	0.32/8.13
EFFECTIVE LENGTH (INCH/MM)	0.44/11.18
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Kovar
FILL GAS	Xenon
FILL PRESSURE (TORR)	9120
EFFECTIVE VOLUME (CM ³)	0.40
OUTER CASING MATERIAL	N/A
ANODE CONNECTOR	Grid Cap
CATHODE CONNECTOR	Flying Lead
GUARD CONNECTOR	N/A

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	-40 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	2000
GAMMA SENSITIVITY (A/R/HR - CO60)	1.0E-11
RESISTANCE - SIGNAL ELECTRODE TO CATHODE (OHMS)	>1.0E12
RESISTANCE - GUARD ELECTRODE TO CATHODE (OHMS)	>1.0E12

