

50342

High pressure gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	7.29/185.17
MAXIMUM DIAMETER (INCH/MM)	1.5/38.1
EFFECTIVE LENGTH (INCH/MM)	5.63/143.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Ar 75% - N2 25%
FILL PRESSURE (TORR)	11400
EFFECTIVE VOLUME (CM ³)	160.0
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)	2000
GAMMA SENSITIVITY (A/R/HR - CO60)	1.6E-10
RESISTANCE - SIGNAL ELECTRODE TO CATHODE (OHMS)	>1.0E13
RESISTANCE - GUARD ELECTRODE TO CATHODE (OHMS)	>1.0E9

