

50340

High pressure gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.59/218.19
MAXIMUM DIAMETER (INCH/MM)	1.5/38.1
EFFECTIVE LENGTH (INCH/MM)	3.38/85.85
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Nitrogen
FILL PRESSURE (TORR)	7600
EFFECTIVE VOLUME (CM ³)	17.0
OUTER CASING MATERIAL	Aluminum
ANODE CONNECTOR	MHV
CATHODE CONNECTOR	MHV
GUARD CONNECTOR	N/A

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	3000
GAMMA SENSITIVITY (A/R/HR - CO60)	2.0E-12
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E13

