

50343

Gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.15/80.01
MAXIMUM DIAMETER (INCH/MM)	1.25/31.75
EFFECTIVE LENGTH (INCH/MM)	2.82/71.63
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Ar 75% - N2 25%
FILL PRESSURE (TORR)	700
EFFECTIVE VOLUME (CM ³)	42.0
OUTER CASING MATERIAL	N/A
ANODE CONNECTOR	Pin
CATHODE CONNECTOR	N/A
GUARD CONNECTOR	N/A

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	400
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	500
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

