

50366

High pressure gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	13.77/349.6
MAXIMUM DIAMETER (INCH/MM)	2.5/63.5
EFFECTIVE LENGTH (INCH/MM)	7.73/196.2
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Argon
FILL PRESSURE (TORR)	855
EFFECTIVE VOLUME (CM ³)	570.0
OUTER CASING MATERIAL	Stainless Steel
ANODE CONNECTOR	BNC
CATHODE CONNECTOR	SHV (2)
GUARD CONNECTOR	N/A

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	600
GAMMA SENSITIVITY (A/R/HR - CO60)	3.5E-11
RESISTANCE - HV ELECTRODE TO SHELL (OHMS)	>1.0E12
RESISTANCE - SIGNAL ELECTRODE TO SHELL (OHMS)	>1.0E13

