

50355

Gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	9.28/235.7
MAXIMUM DIAMETER (INCH/MM)	2.0/50.8
EFFECTIVE LENGTH (INCH/MM)	5.63/142.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Nitrogen
FILL PRESSURE (TORR)	760
EFFECTIVE VOLUME (CM ³)	160.0
OUTER CASING MATERIAL	Steel
ANODE CONNECTOR	Ceramic MHV
CATHODE CONNECTOR	Ceramic MHV
GUARD CONNECTOR	N/A

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
MAXIMUM OPERATING VOLTAGE (VOLTS)	2000
GAMMA SENSITIVITY (A/R/HR - CO60)	1.0E-11
RESISTANCE - HV ELECTRODE TO SHELL (OHMS)	>1.0E9
RESISTANCE - SIGNAL ELECTRODE TO SHELL (OHMS)	>1.0E12

