

50354

High pressure 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)	5.63/143.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
CONNECTOR	Ceramic MHV
FILL GAS	Xenon
FILL PRESSURE (TORR)	7600
EFFECTIVE VOLUME (CM ³)	160.0
OUTER CASING MATERIAL	Steel

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
MAXIMUM OPERATING TEMPERATURE °C	225

MAXIMUM OPERATING VOLTAGE (VOLTS)	2000
GAMMA SENSITIVITY (A/R/HR - CO60)	6.5E-10
RESISTANCE - HV ELECTRODE TO SHELL (OHMS)	>1.0E9
RESISTANCE - SIGNAL ELECTRODE TO SHELL (OHMS)	>1.0E13

