

50470

High pressure gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	17.63/447.6
MAXIMUM DIAMETER (INCH/MM)	7.0/177.8
EFFECTIVE LENGTH (INCH/MM)	13.75/349.3
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Argon + Nitrogen
FILL PRESSURE (TORR)	8700 + 2533
EFFECTIVE VOLUME (CM ³)	5200
OUTER CASING MATERIAL	Steel
ANODE CONNECTOR	HN
CATHODE CONNECTOR	HN
GUARD CONNECTOR	HN

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	350
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	2000
RESISTANCE - HV ELECTRODE TO SHELL (OHMS)	>1.0E12
RESISTANCE - SIGNAL ELECTRODE TO SHELL (OHMS)	>1.0E13
GAMMA SENSITIVITY (CS137)	4.5E-9

