

52103

Gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.7/93.9
MAXIMUM DIAMETER (INCH/MM)	0.63/16.0
EFFECTIVE LENGTH (INCH/MM)	1.0/25.4
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Xenon
FILL PRESSURE (TORR)	760
EFFECTIVE VOLUME (CM ³)	4.8
OUTER CASING MATERIAL	N/A
ANODE CONNECTOR	Flying Lead
CATHODE CONNECTOR	Flying Lead
GUARD CONNECTOR	Flying Lead

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	800
GAMMA SENSITIVITY (CS137) (A/R/HR)	1.4E-11
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - HV ELECTRODE TO GUARD (OHMS)	>1.0E13

