

520117

End window beta/gamma ionization chamber



GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.56/90.5
MAXIMUM DIAMETER (INCH/MM)	3.49/88.7
EFFECTIVE LENGTH (INCH/MM)	2.5/63.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	3040
ANODE CONNECTOR	Threaded Pin
CATHODE CONNECTOR	Solder Pin

GUARD CONNECTOR	Solder Pin
STORAGE TEMPERATURE RANGE (°C)	-40 to +100
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Stainless Steel
THICKNESS (INCH/MM)	0.001 / 0.025
EFFECTIVE DIAMETER (INCH/MM)	3.0/76.2

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	800
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	2000
GAMMA SENSITIVITY (A/R/HR - CO60)	6.0E-10
GAMMA SENSITIVITY (CS137) (A/R/HR)	9.7E-10
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12

