

520121

End window beta/gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.9/124.4
MAXIMUM DIAMETER (INCH/MM)	3.0/76.2
EFFECTIVE LENGTH (INCH/MM)	3.66/92.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Argon
FILL PRESSURE (TORR)	760
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	Titanium
THICKNESS (INCH/MM)	0.0005/0.013
EFFECTIVE DIAMETER (INCH/MM)	2.75/69.9

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	350
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	1500
GAMMA SENSITIVITY (A/R/HR - CO60)	4.5E-11
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12

