

520172

End window beta-gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.50/63.5
MAXIMUM DIAMETER (INCH/MM)	1.75/44.5
EFFECTIVE LENGTH (INCH/MM)	1.62/41.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	2280
ANODE CONNECTOR	Solder Lug
CATHODE CONNECTOR	Solder Lug
GUARD CONNECTOR	Solder Lug
STORAGE TEMPERATURE RANGE (°C)	-40 to 100
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
THICKNESS (INCH/MM)	.010/.26
EFFECTIVE DIAMETER (INCH/MM)	1.44/36.5

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	800
GAMMA SENSITIVITY (A/R/HR - CO60)	7.0E-11
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12
RESISTANCE - SIGNAL TO GUARD (OHMS)	>1.0E14

