

520168

End window beta-gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.56/90.5
MAXIMUM DIAMETER (INCH/MM)	4.5/114.3
EFFECTIVE LENGTH (INCH/MM)	2.5/63.5
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	2067
ANODE CONNECTOR	Solder Lug
CATHODE CONNECTOR	Solder Lug
GUARD CONNECTOR	Flying Lead
STORAGE TEMPERATURE RANGE (°C)	-40 to 100
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Stainless Steel
THICKNESS (INCH/MM)	.001/.025
EFFECTIVE DIAMETER (INCH/MM)	4.0/101.6

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	1000
GAMMA SENSITIVITY (A/R/HR - CO60)	8E-10
GAMMA SENSITIVITY (CS137) (A/R/HR)	1.36E-9
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E13

