

520153

End Window Gamma Ionization Chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.78/121.4
MAXIMUM DIAMETER (INCH/MM)	4.5/114.3
EFFECTIVE LENGTH (INCH/MM)	3.78/96.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	3800
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	Aluminum
THICKNESS (INCH/MM)	0.030/0.76
EFFECTIVE DIAMETER (INCH/MM)	4.25/107.9

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)	2.2E-9
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12