

520129

End window gamma dual ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.74/95.0
MAXIMUM DIAMETER (INCH/MM)	7.13/181.1
EFFECTIVE LENGTH (INCH/MM)	2.68/68.07
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	800
ANODE CONNECTOR	Threaded Pin
CATHODE CONNECTOR	Solder Pin
GUARD CONNECTOR	Solder Pin
STORAGE TEMPERATURE RANGE (°C)	-20 to +75
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
THICKNESS (INCH/MM)	0.063/1.6
EFFECTIVE DIAMETER (INCH/MM)	6.31/160.3

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	800
GAMMA SENSITIVITY (A/R/HR - C060)	4.0E-10 (each side)
GAMMA SENSITIVITY (CS137) (A/R/HR)	6.0E-9
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E13