



50316 High Pressure Gamma Ionization Chamber

GENERAL SPECIFICATIONS

Maximum diameter (inch/mm)	2.0/50.8
Maximum length (inch/mm)	8.59/218.2
Effective length (inch/mm)	5.63/143.0
Cathode material	Aluminum
Outer casing material	Stainless Steel
Fill gas	Xenon
Fill pressure (torr)	7600
Anode connector	MHV
Cathode connector	MHV
Guard connector	N/A
Effective volume (cm ³)	160.0

OPERATING CHARACTERISTICS

Recommended operating voltage (volts)	500
Maximum operating voltage (volts)	2000
Operating temperature range (°C)	-50 to +100
Gamma sensitivity (a/R/hr - Co60)	6.5E-10
Resistance - signal electrode to guard (ohms)	>1.0E13
Resistance - cathode to guard (ohms)	>1.0E13

