

512

High pressure spherical gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	11.25/285.75
MAXIMUM DIAMETER (INCH/MM)	10.0/254.0
EFFECTIVE LENGTH (INCH/MM)	9.76/247.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
FILL GAS	Argon
FILL PRESSURE (TORR)	20,460
EFFECTIVE VOLUME (CM ³)	8000
OUTER CASING MATERIAL	N/A
ANODE CONNECTOR	Pin
CATHODE CONNECTOR	N/A
GUARD CONNECTOR	Solder Lug

OPERATING CHARACTERISTICS

OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	1000
GAMMA SENSITIVITY (A/R/HR - CO60)	2.4E-8
RESISTANCE - HV ELECTRODE TO SHELL (OHMS)	>1.0E10
RESISTANCE - SIGNAL ELECTRODE TO SHELL (OHMS)	>1.0E13

