



OCEANSIDE, NEW YORK, USA



☎ 516-678-6141
✉ info@LNDinc.com

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High pressure gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	8.59/218.2
MAXIMUM DIAMETER (INCH/MM)	2.0/50.8
EFFECTIVE LENGTH (INCH/MM)	5.63/143.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Nitrogen
FILL PRESSURE (TORR)	11400
EFFECTIVE VOLUME (CM³)	160.0
OUTER CASING MATERIAL	Stainless Steel
ANODE CONNECTOR	MHV
CATHODE CONNECTOR	MHV

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM OPERATING VOLTAGE (VOLTS)	2000
GAMMA SENSITIVITY (A/R/HR - CO60)	1.2E-10
RESISTANCE - HV ELECTRODE TO SHELL (OHMS)	>1.0E12
RESISTANCE - SIGNAL ELECTRODE TO SHELL (OHMS)	>1.0E13

