

252130

Gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	20.66/524.8
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
EFFECTIVE LENGTH (INCH/MM)	17.72/450.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.96/24.38
CONNECTOR	HN
OPERATING TEMPERATURE RANGE °C	-50 to +100
GAS PRESSURE (TORR)	3040
EFFECTIVE VOLUME (CM³)	210.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1150
OPERATING VOLTAGE RANGE (VOLTS)	1050 - 1400

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	1
TUBE CAPACITANCE (PF)	8
WEIGHT (GRAMS)	250
MAXIMUM RESOLUTION (% FWHM)	6

THERMAL NEUTRON SENSITIVITY

SENSITIVITY (CPS/NV)	100.0
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