

72510

Thin wall beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.28/108.7
MAXIMUM DIAMETER (INCH/MM)	0.94/23.8
GAS FILLING	Ar + Organic
EFFECTIVE LENGTH (INCH/MM)	2.10/53.3
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.73/18.4
CONNECTOR	Grid Cap
OPERATING TEMPERATURE RANGE °C	-30 to +75

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	900
RECOMMENDED ANODE RESISTOR (MEG OHM)	1
OPERATING VOLTAGE RANGE (VOLTS)	850-1000

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	4
MINIMUM DEAD TIME (MICRO SEC)	200
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	20
TUBE CAPACITANCE (PF)	4
WEIGHT (GRAMS)	20
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	40
MAXIMUM STARTING VOLTAGE (VOLTS)	800

WALL SPECIFICATIONS

THICKNESS (INCH/MM)	0.003/0.076
AREAL DENSITY (MG/CM ²)	40-60



