

**7311 Pancake Mica Window-Alpha-Beta-Gamma Detector*****GENERAL SPECIFICATIONS***

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	3.00/76.1
Effective depth (inch/mm)	0.5/12.7
Maximum diameter (inch/mm)	2.11/53.6
Effective diameter (inch/mm)	1.75/44.5
Connector	Grid Cap
Operating temperature range °C	-55 to +75

***WINDOW SPECIFICATIONS***

Areal density (mg/cm <sup>2</sup> )	2.0
Effective diameter (inch/mm)	1.75/44.5
Material	Mica

***ELECTRICAL SPECIFICATIONS***

Recommended anode resistor (meg ohm)	3.3
Maximum starting voltage (volts)	750
Recommended operating voltage (volts)	900
Operating voltage range (volts)	850-1000
Maximum plateau slope (%/100 volts)	10
Minimum dead time (micro sec)	20
Gamma sensitivity Co60 (cps/mr/hr)	58
Tube capacitance (pf)	3
Weight (grams)	125
Maximum background shielded 50mm Pb + 3mm Al (cpm)	30







