

**7103 End Window-Alpha-Beta-Gamma Detector*****GENERAL SPECIFICATIONS***

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	2.67/67.8
Effective length (inch/mm)	1.5/38.1
Maximum diameter (inch/mm)	0.34/8.7
Effective diameter (inch/mm)	0.25/6.4
Connector	Grid Cap
Operating temperature range °C	-40 to +75

***WINDOW SPECIFICATIONS***

Areal density (mg/cm <sup>2</sup> )	12.0
Effective diameter (inch/mm)	0.25/6.4
Material	Stainless Steel

***ELECTRICAL SPECIFICATIONS***

Recommended anode resistor (meg ohm)	3.3
Maximum starting voltage (volts)	400
Recommended operating voltage (volts)	500
Operating voltage range (volts)	450 - 650
Maximum plateau slope (%/100 volts)	10
Minimum dead time (micro sec)	50
Gamma sensitivity Co60 (cps/mr/hr)	10
Tube capacitance (pf)	3
Weight (grams)	25
Maximum background shielded 50mm Pb + 3mm Al (cpm)	10



