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**71210 Energy Compensated Gm Detector**

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***GENERAL SPECIFICATIONS***

Gas filling	Ne +Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	1.82/46.2
Effective length (inch/mm)	1.5/38.1
Maximum diameter (inch/mm)	0.84/21.4
Connector	Pin
Operating temperature range °C	-10 to +75

***ELECTRICAL SPECIFICATIONS***

Recommended anode resistor (meg ohm)	4.7
Maximum starting voltage (volts)	350
Recommended operating voltage (volts)	500
Operating voltage range (volts)	450 - 650
Maximum plateau slope (%/100 volts)	6
Minimum dead time (micro sec)	90
Gamma sensitivity Co60 (cps/mr/hr)	18
Tube capacitance (pf)	3
Maximum background shielded 50mm Pb + 3mm Al (cpm)	10

***FILTER SPECIFICATIONS***

Material	Sn
Thickness (inch/mm)	0.08/2.0

***WALL SPECIFICATIONS***

Areal density (mg/cm <sup>2</sup> )	216
Thickness (inch/mm)	0.012/0.30



