

78034 Gamma Detector***GENERAL SPECIFICATIONS***

Gas filling	Ne + Halogen
Cathode material	446 Stainless Steel
Maximum length (inch/mm)	12.77/324.4
Effective length (inch/mm)	9.45/240.0
Maximum diameter (inch/mm)	1.37/34.8
Connector	BNC
Operating temperature range °C	-40 to +75
Effective diameter (inch/mm)	0.786/20.0

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)	15
Minimum dead time (micro sec)	200
Gamma sensitivity Co60 (cps/mr/hr)	150
Tube capacitance (pf)	3
Weight (grams)	350
Maximum background shielded 50mm Pb + 3mm Al (cpm)	90
Minimum anode resistor (meg ohm)	2.7

FILTER SPECIFICATIONS

Material	Sn
Thickness (inch/mm)	0.093/2.36

WALL SPECIFICATIONS

Areal density (mg/cm ²)	252
Thickness (inch/mm)	0.012/0.305





