

3003

Neutron beam monitor

GENERAL SPECIFICATIONS

CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	BNC
FILL GAS	Argon, Nitrogen
FILL PRESSURE (TORR)	760
MAXIMUM WIDTH (INCH/MM)	3.0/76.2
MAXIMUM HEIGHT (INCH/MM)	4.06/103.1
MAXIMUM DEPTH (INCH/MM)	0.75/19.1
SENSITIVE DIAMETER (INCH/MM)	2.75/69.9

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	300
OPERATING VOLTAGE RANGE (VOLTS)	50 - 500
NEUTRON SENSITIVITY (COUNTS/10³ NEUTRONS)	1

BACKGROUND (COUNTS)	1
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NEUTRON SENSITIVE MATERIAL

ENRICHMENT (%)	>93
MATERIAL	U235
TOTAL QUANTITY (MG)	50

