

# 3005

Neutron Beam Monitor

## GENERAL SPECIFICATIONS

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

## NEUTRON SENSITIVE MATERIAL

<b>ENRICHMENT (%)</b>	>93
<b>MATERIAL</b>	U235
<b>TOTAL QUANTITY (MG)</b>	0.5

# OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	300
OPERATING VOLTAGE RANGE (VOLTS)	50 - 500
BACKGROUND (COUNTS)	1
NEUTRON SENSITIVITY (COUNTS/1E5 NEUTRONS)	1

