

270

Spherical proton recoil neutron detector

## GENERAL SPECIFICATIONS

<b>MAXIMUM DIAMETER (INCH/MM)</b>	2.0/50.8
<b>GAS FILLING</b>	Hydrogen
<b>EFFECTIVE LENGTH (INCH/MM)</b>	1.96/49.78
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Stainless Steel
<b>CONNECTOR</b>	HN
<b>OPERATING TEMPERATURE RANGE °C</b>	-50 to +100
<b>MAXIMUM OVERALL LENGTH (INCH/MM)</b>	4.89/124.1
<b>GAS PRESSURE (TORR)</b>	760

## ELECTRICAL SPECIFICATIONS

<b>RECOMMENDED OPERATING VOLTAGE (VOLTS)</b>	1500
<b>OPERATING VOLTAGE RANGE (VOLTS)</b>	1400 - 3000
<b>TUBE CAPACITANCE (PF)</b>	4

