

Annexure-1

Annexure-I

THIN WALL BETA GAMMA DETECTOR

Technical Data

Thin wall beta gamma detector type GM 137 is a sensitive GM tube recommended for Beta/gamma measurement applications.

Gamma Sensitivity :
45 CPS / mR/hr (Co^{60})

Operating Characteristics :

Max. Starting Voltage : 400 V

Recommended

Operating voltage : 500 V

Operating voltage range : 450-700V

General :

Gas filling : Ne + Helium

Admixture

Cathode Material : 446 SS

Maximum Length : 5.6 inches

Effective Length : 3.74 inches

Maximum Dia : 0.63 inches

Effective Dia : 0.61 inches

Operating temperature

range : -55 to +75 °C

Wall :

Areal Density : 40-60 mg/cm²

Thickness : 0.003 inches

