

WIDE END WINDOW G.M. DETECTOR

TYPE : GM 125

(in PVC tube with MHV socket)

Technical Data

This G.M. Detector offered, is enclosed in a PVC cylindrical shell with MHV socket with a suitable HV cable it gets connected to the counting system. This detector is widely used for Beta sample counting application along with either G.M. Counting system GC602A or Radiation counting System RC605A manufactured by Nucleonix systems. This detector is of Centronic / LND or it's equivalent.

Window :

Areal Density - mg/cm sq: 1.5 - 2.0

Eff. Diameter - Inches : 1.15
Material : Mica

Wall :

Thickness - Inches : 0.06
Eff. Length - Inches : 1.45
Eff. Diameter - Inches : 1.125
Material : 446 SS

Tube Dimensions :

Material Diameter - Inches : 1.32
Max. Overall Length - Inches : 2.1
Gas Filing : Ne+Hal

Gamma Sensitivity:

50 CPS / mR/hr (Co⁶⁰)

Operating Characteristics :

Max. Starting Voltage : 375
Recommended operating voltage : 500
Operating voltage range (in volts) : 450-750V

Application :

This is used for Beta Sample Counting, when connected to Radiation Counting System (RC605A).

