

**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 (Co<sup>60</sup>)

**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).

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