

# PYCKO SCIENTIFIC LIMITED

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Your Alternative  
To The Obvious

## **MODEL 44-25 PANCAKE G-M HAND PROBE**

*The Model 44-25 is a  
pancake G-M Hand probe  
for contamination survey  
with an alarm ratemeter*



**INDICATED USE:** Alpha beta gamma survey; Frisking

**DETECTOR:** Pancake type halogen quenched G-M

**WINDOW:**  $1.7 \pm 0.3$  mg/cm<sup>2</sup> mica

**WINDOW AREA:**

Active - 15 cm<sup>2</sup>

Open - 12 cm<sup>2</sup>

**EFFICIENCY(4pi geometry):** Typically 5%<sup>-14C</sup>; 22%<sup>-90Sr/90Y</sup>; 19%<sup>-99Tc</sup>; 32%<sup>-32P</sup>; 15%<sup>-239Pu</sup>

**SENSITIVITY:** Typically 3300 cpm/mR/hr (<sup>137</sup>Cs gamma )

**ENERGY RESPONSE:** Energy dependent

**DEAD TIME:** Typically 80 microseconds

**COMPATIBLE INSTRUMENTS:** General purpose survey meters, ratemeters, and scalers

**OPERATING VOLTAGE:** 900 volts

**CONNECTOR:** Series "C" (*others available* )

**CONSTRUCTION:** Aluminium housing with beige polyurethane enamel paint

**TEMPERATURE RANGE:** -20° C to 50° C

May be certified for operation from -40° C to 65° C

**SIZE:** 4.6 cm H X 6.9 cm W X 27.2 cm L

**WEIGHT:** 0.5kg