

# PYCKO SCIENTIFIC LIMITED

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Your Alternative  
To The Obvious

## **MODEL 44-89** **SQUARE CLUSTER PANCAKE G-M**

*The Model 44-89 is a  
4 pancake square cluster  
G-M detector for  
contamination survey*



**INDICATED USE:** Alpha beta gamma survey

**DETECTOR:** 4 ea. pancake type halogen quenched G-M

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

**WINDOW AREA:** 62 cm<sup>2</sup> active; 50 cm<sup>2</sup> open

**EFFICIENCY(4pi geometry):** Typically 5%<sup>-14C</sup>; 23%<sup>-90Sr/90Y</sup>; 19%<sup>-99Tc</sup>; 33%<sup>-32P</sup>; 15%<sup>-239Pu</sup>

**SENSITIVITY:** Typically 13,200 cpm/mR/hr

**BACKGROUND:** 240 cpm

**ENERGY RESPONSE:** Energy dependent

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

**OPERATING VOLTAGE:** 900 volts

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

**CONSTRUCTION:** Black ABS plastic with anodized aluminium back and stainless steel protective screen  
(79% open )

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

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

**SIZE:** 8.4 cm H X 12.7 cm W X 17.5 cm L

**WEIGHT:** 0.8kg