

# HP-265

## Alpha, Beta, Gamma Pancake Detector



The HP-265, commonly known as the "Pancake" probe, has become the most popular detector for the general measurement of Alpha, Beta, and Gamma measurements. Built inside a ruggedized housing, this detector is the best general detector for most types of measurement applications.



- ✓ **Alpha, Beta, Gamma Detection**
- ✓ **Rugged Housing**
- ✓ **Compatible with all WB Johnson Instruments (others on request)**

General	The best "all-purpose" detector. Sensitive to most Alpha, Beta, and Gamma Radiation
Compatibility	Compatible with all WB Johnson Instruments and Area Monitors (Additional Manufacturer compatibility upon request)
Range	0-200 mR/hr Dose (Cs-137) Requires linearization above 50 mR/hr
Energy Response	Alpha - 3.5 meV min, Beta - 1 keV min, Gamma - 20 keV-2 meV
Operating Voltage	900vdc
Window Density	1.6 mg/cm <sup>3</sup>
Dead Time	20 uSec
Sensitivity (Cs-137)	3300 CMP/mR/hr
Sensitive Area	15 cm <sup>2</sup>
Environmental	-20°F (-28°C) - 140°F (60°C)   5-95% RH
Circuitry	100% Digital Microprocessor Controlled
Dimensions	2.74" (7cm) Dia x 5.511" (28cm) L
Weight	1lbs. (.5Kiles)
Construction	Cast Aluminum & Stainless Steel

Detectors/Probes



## Standard Product Warranty

At WB Johnson Instruments, we stand behind our products. We guarantee your satisfaction in the quality of our instruments by providing a complete one year warranty covering any defect of workmanship, material, and/or design. If our products do not perform, we will provide complete repair and/or replacement.

## Calibration & Repair Services

The proper maintenance & calibration of your instruments is critical to ensure proper performance & accuracy. This is why every WB Johnson instrument is provided with a NIST Traceable Calibration Certificate with ISO 17025 Accredited Certification.

This high level calibration provides assurance that the instrument meets the most stringent industry calibration & traceability parameters, thereby giving you comfort in our instrument's accuracy and reliability when it matters most.