

# GSP-2 2" x 2" NaI Scintillation Probe

Excellent gamma probe for  $\mu\text{R}$  detection, vehicle monitoring or any application requiring high sensitivity. Gamma and high energy beta detection. Excellent gamma response from 40 KeV to 2 MeV

## FEATURES:

- ◆ EXCELLENT LOW LEVEL GAMMA DETECTION
- ◆ RUGGED METAL HOUSING
- ◆ 1  $\mu\text{R/hr}$  – 2  $\text{mR/hr}$  DOSE RANGE



## GSP-2 SPECIFICATIONS:

General Use	Low Level Gamma Dose Rate/Count Rate Measurements
Detector Type	2" x 2" NaI Scintillator
CPM Range	0-999.9 Kcpm
Dose Range	1 $\mu\text{R/hr}$ - 2 $\text{mR/hr}$ (Cs137)
Energy Response	40 keV – 2 MeV (Energy Dependent)
Sensitivity (Cs137 gamma)	$\approx 800$ cpm/ $\mu\text{R/hr}$
Efficiency ( $4\pi$ )	$\approx 9\%$
Background (10 $\mu\text{R/hr}$ )	$\approx 8500$ cpm
Operating Voltage	600 - 1100 vdc
Dead Time	$\approx 35$ $\mu\text{sec}$
Compatibility	All Johnson Rate Meters
Environmental	-20°F [-28°C] to 140°F [60°C] 5-95% RH
Connector	BNC (other types available)
Dimensions	2.5" (6.25cm) Dia x 10" (25cm) L
Weight	30 oz (0.85 kg)