



The **Neoprobe GDS** (Gamma Detection System) console, with Bluetooth wireless technology, detects the presence of gamma rays emitted from radioactive isotopes in body organs or tissue. This system provides an increasing or decreasing sound as well as a visual indicator as it detects the amount of gamma radioactivity. Detecting gamma radiation with a hand-held probe is based on the inverse square law of physics which allows detection of radiation emitted from a small source. The Bluetooth probes deliver outstanding directionality and sensitivity, ensuring highly accurate localization of targeted tissue during gamma detection procedures.

Features

- Quick and easy startup with no calibration or preventative maintenance required.
- Bluetooth wireless technology.
- Outstanding directionality and sensitivity, ensuring highly accurate localization of targeted tissue during gamma detection procedures.
- Detects any of six isotopes.
- Can detect and filter I-125 and Tc-99, simultaneously.



Specifications

Dimensions

Height: 9" (22.9 cm)
Width: 12" (30.5 cm)
Depth: 10" (25.4 cm)
Weight: 5.6 lbs (2.5 kg)

Power

Operating Power: AC Line Power 100-240 VAC (50-60 Hz)
Power Consumption: 26 watts, nominal; 38 watts, maximum

Heat Output

Negligible (10 watts, nominal)

Audio

70 dB Sound Pressure Level at 1 meter

Energy Range

12-600 keV internal windowing resolution

Maximum Count Range

99,999 cps

Environmental

Operating Temperature Range: 50° to 104°F (10° to 40°C)
Storage and Transit Temperature: -40° to 104°F (-20° to 60°C)
Storage and Transit humidity: 10% to 95%
Storage and Transit Atmospheric Pressure: 7.3psia to 15.4psia (500hPa to 1060hPa)

