

GAMMA FINDER®

CORDLESS GAMMA PROBE

REVOLUTIONARY ONE-TOUCH GAMMA RAY DETECTION



GAMMA FINDER®

MAKING INTRAOPERATIVE LYMPH NODE MAPPING EASIER WITH ONE-TOUCH ACTIVATION

ONE-TOUCH ACTIVATION

Push any button and the Gamma Finder probe automatically powers up and begins counting gamma rays emitted by ⁵⁷Co, ^{99m}Tc, ¹²³I, ¹¹¹In, or ¹³¹I radiopharmaceutical isotopes.

To activate the 10-second count feature, simply depress the "C" button and the Gamma Finder probe will average the counts or, if you desire, provide you with a cumulative 10-second count.

For Binary Pitch Mode, simply push the "B" button and the Gamma Finder probe will automatically establish a baseline, and beep only when the threshold is reached.

SELF-CONTAINED

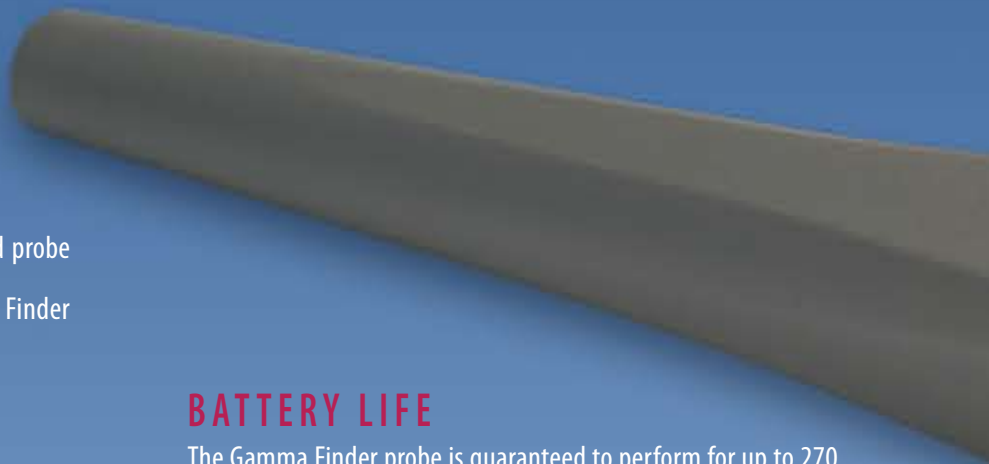
The Gamma Finder is a self-contained, cordless, hand-held probe that is compact, lightweight and versatile. The Gamma Finder probe is easily transported in its own sturdy carrying case.

SIMPLE SET-UP AND CLEAN-UP

Setting up the Gamma Finder probe consists of simply slipping the device into its own custom-designed disposable sterile bag and depressing any button. Following the case, simply remove the Gamma Finder probe from the sterile bag and place it into its specially-designed carrying case, where it goes to sleep until the next case.

BATTERY LIFE

The Gamma Finder probe is guaranteed to perform for up to 270 hours, representing a full year of usage for most institutions. Twenty hours in advance, the Gamma Finder will notify you that it is time for a battery exchange, calibration and service—all of which is covered by our warranty or service support programs.



COUNT METHOD – Choice of 10-second averaging or 10-second cumulative counts. Choose the preferred count method and then simply push the button to activate.

BINARY PITCH MODE – A single push of the button activates the binary pitch mode. Once the baseline is established, the probe only beeps at threshold levels.

PROGRAM MODE – Allows for adjustment of sound volume, audible beep rate relative to the gamma counts, choice of count method, and current battery life.

SOUND – Turn on or off the sound with the touch of a button.



KEY FEATURES

- Excellent Spatial Resolution
- Enhanced Sensitivity for Surgical Oncology Applications
- 10-Second Average or Cumulative Count
- Binary Pitch Mode
- Optimized Side and Background Noise Reduction
- Battery Operated/Battery Life Display
- Large LCD Display
- Compact and Lightweight



PRIMARY APPLICATION

The Gamma Finder probe is best suited for Sentinel Node and Parathyroid Localization in Surgical Oncology. Its unique design puts simplicity and accuracy at the surgeon's fingertips. The Gamma Finder probe will detect and give a numerical indication and an acoustic signal when in proximity of a gamma ray emitting source. Once the sentinel node location has been detected, the cordless Gamma Finder probe can be set down within the sterile field without interfering with the operative procedure's progress. This enables the surgeon to easily re-examine or confirm any location already detected.

GAMMA FINDER® Probe

- Single -Step Setup
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- One-Touch Activation
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- Cordless
-
- Battery Operated
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- Dual 10-Second Count Option
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- Binary Pitch Mode

TECHNICAL DATA

Angular Resolution ^{99m} Tc (140keV)	FWHM 42°
Spatial Resolution ^{99m} Tc (140keV) Source 10mm in front of tip	FWHM < 14mm
Lateral Shielding ^{99m} Tc (140keV) Source in contact to the probe	≥ 99.95%
Absolute Response ^{99m} Tc (140keV) Source in contact to the probe	≥ 10,000 cps / MBq
Threshold ^{99m} Tc, ¹²³ I, ¹¹¹ In, ⁵⁷ Co, ¹³¹ I	120 keV
Weight	210 g (7.3oz)
Battery Life – Depends upon usage	≥270h
UL Approved	



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