# ioXplorer Gamma Probe

## Designed for highest sensitivity and precision


### Features

- Patented Radiation-Orientation Tracking Technology
- Highest Sensitivity-to-Spatial Resolution Ratio in the market (67.8 CPS/MBq.mm, Co-57 at 3 cm in water)
- Simultaneous detection of Tc-99m and I-125
- Manual, Focus, and Auto Range (Audio)
- Multi-instrumental audio signals
- Wireless connection
- Ergonomic design
- Probe with +20 hours of battery life
- 10.1” touchscreen medical-grade tablet

### Standards

- **Safety:** IEC 60601-1:2005 +A2:2020
- **EMC:** IEC 60601-1-2 4th Ed. A1: 2020

### Specifications

| | |
|---|---|
| Typical Sensitivity in Air: | 2,600 CPS/MBq, Co-57 at 3 cm |
| Typical Sensitivity in Water: | 2,170 CPS/MBq, Co-57 at 3 cm |
| Typical Spatial Resolution in Water: | 32 mm FWHM, Co-57 at 3 cm |
| Shielding Efficiency: | > 99.94% |
| Radioisotopes: | Tc-99m and I-125 |
| Count Rate Range: | 1- 50,000 CPS |
| Collimator: | Integrated Tungsten |
| Tip Diameter: | 14 mm |
| Overall Length: | 25 cm |
| Weight (including battery): | 163 g |
| IP Rating: | IPX4 |

Schedule a demo today and learn more about ioXplorer Gamma Probe’s unique features.



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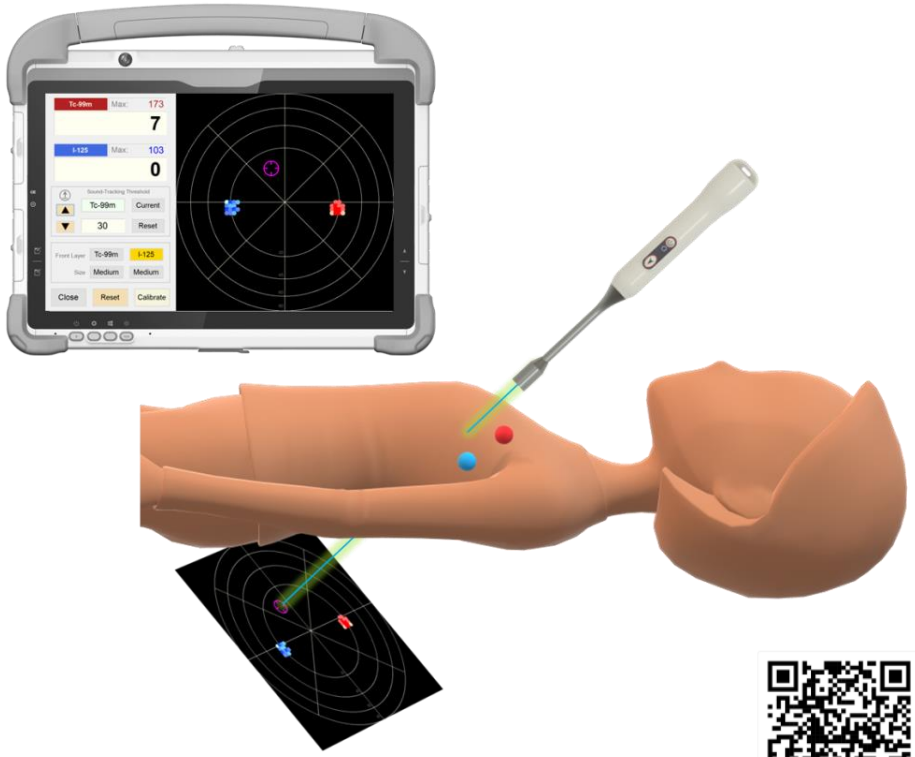
## Our innovative radiation-orientation tracking technology in your hand!

In Radiation-Orientation Mapping (ROM) mode, as the probe's orientation changes in space, the instantaneous radiation level and probe's orientation are recorded on a 2-D polar graph in real time.

ROM mode improves sentinel lymph node localization by transforming subtle count-rate differences into intuitive directional guidance, making it faster, more accurate, and less mentally demanding for surgeons compared with traditional gamma probes that only report raw counts.

**U.S. Patent No. US-12102461**

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