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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www.avicennainstruments.com

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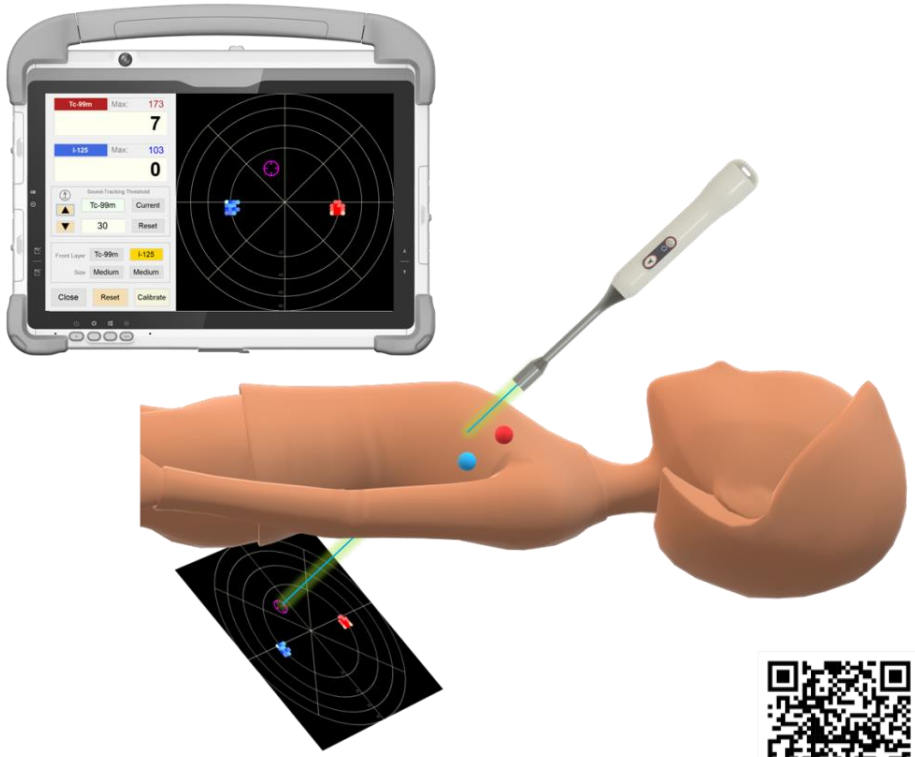
Designed for highest sensitivity and precision

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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