Node Seeker®
Wireless Gamma Probes

• Faster and More Accurate Detection
  Highest Published Sensitivity

• Easiest to Use
  Touch Screen
  Large Color Display
  Pole Mountable

• More Advanced
  PET Probes
  Laparoscopic Probes
Node Seeker

The Node Seeker is an advanced surgical radiation detection system consisting of a universal computer-based control unit and a family of wireless detector probes. Surgeons use Node Seeker probes in a variety of applications such as sentinel lymph node mapping, parathyroid surgeries, and detection of cancer with PET isotopes.

Stage Cancer

The Node Seeker Gamma Probe identifies the sentinel lymph nodes, which are the nodes in a lymphatic basin that are the first to drain the tumor site.

Locate Cancer

The intraoperative PET Probe is a new tool that enables surgeons to localize tumors that appear on the whole body PET scan. In addition, surgeons can:

- Evaluate surgical margins for the existence of small amounts of tumor.
- Ensure a more complete excision.
- Minimize the probability of recurrence.

Features of the Control Unit

- **Touch Screen**
  For Easy operation

- **Large, Easy-to-read Display**
  Computer based LCD display is visually outstanding.

- **Background Count Subtraction**
  Useful in cases with high background counts.

- **Configurable for Additional Probes**
  User can add probes in the future.

- **Software Based System**
  Provides future upgrade ability.

- **Automatic Quality Control**
  Permits easier compliance with regulatory provisions.

- **Uptake Monitoring**
  Software for real-time monitoring during Isolated Organ Perfusion.

Minimally Invasive Parathyroidectomy

- Radioguided localization of parathyroid adenomas.

Uptake Monitoring

- Software for real-time monitoring during Isolated Organ Perfusion.
Advanced Line of Wireless Detection Probes

• For Sentinel Node and Parathyroid, Tc-99m
  • Standard Gamma Probe with 12 mm diameter
  • Bent Tip Gamma Probe with enhanced angulation
  • Narrow-tip Gamma Probe with 6 mm diameter

• For Tumor Detection with PET Isotopes, F18
  • High-Energy Gamma Probe for 511 keV
  • Beta Probe for positron or beta emitting isotopes

• For Minimally Invasive Procedures
  • Gamma Probe for laparoscopic or thorascopic applications with Tc-99m. Diameter = 5 mm.
  • Gamma Probe for laparoscopic applications with F-18. Diameter = 15 mm.

• Flexible Gamma Probe
  Endo-surgical procedures with Tc-99m

• Biopsy Gamma Probe
  Probe with a central opening for insertion of biopsy needle. Diameter = 14 mm.

• Uptake Probe
  for Isolated Organ Perfusion Monitoring
Accessories:

- **Remote Control**
  For varying the parameters of the system from the sterilized field.

- **Pre-sterilized Probe Covers**
  Latex-free jackets are available for each probe type.

- **Quality Assurance Accessories**
  Small long-lived isotopes (Co-57, Na-22) encased in tungsten container

- **Convenient Carrying Case**
  Durable custom case with wheels & retractable handle

Specifications:

**Power:** AC (110 or 220; Max. 0.75A).

**Isotope Selection:** All isotopes used in nuclear medicine. Selected on a graph of the acquired spectrum of detected gamma rays (20 to 511 keV).

**Quality Assurance:** Automatic or manual quality control feature for regulatory compliance.

**Computer System:** Built-in PC, 20GB HD, USB port. Remote-control mouse available.

**Mechanical:** For table top use or pole-mounted with height adjustment capability.
Dimensions: H-10.3” x W-4” x D-7.4”, Weight: 8lbs.

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