

# LOCalizer™

## Wire-free guidance system

**A wireless radiofrequency identification (RFID) breast lesion system.**

The LOCalizer system will potentially enable precision and ease of use for breast surgery guidance.



**LOCalizer™**  
Wire-free Guidance System



### Convenient Scheduling

Improve scheduling conflicts by implanting the RFID tag into the breast any time prior to the day of surgery.



### Mobile Portability

Handheld Reader is suitable for use in both sterile\* and non-sterile environments. It can be placed in convenient proximity to the patient.



### Distance Gauge in mm

Experience an easy to read screen during the procedure that displays the distance to the Tag.

\* Reader must be bagged in sterile drape in a sterile environment.

# Technical Specifications

LOCalizer is a wireless radiofrequency identification (RFID) breast lesion system that will potentially enable precision and ease of use for breast surgery guidance.

## Handheld Reader Details

The LOCalizer Reader locates and reads (RFID) Tags which have been implanted using the Tag Applicator. The LOCalizer Reader displays the distance between the Tag and the Probe under use. Tag location is also indicated by an audible tone of which the pitch and volume increases in proportion to a decrease in the "LOCalizer to Tag" distance. The LOCalizer Reader is a portable, battery-operated system and is supplied non-sterile.

### Dimensions:

Width = 73.7 mm (2.9 inches)

Length = 165 mm (6.5 inches)

Thickness = 22.9 mm (0.9 inches)

Weight = 206 g

## Probe Specifications

### Loop Probe (Integrated)

Integrated Loop Probe can be used on the skin surface in sterile and non-sterile environments.

### Dimensions:

inner diameter = 12mm

outer diameter = 39mm

Max Reading Depth: 6cm\*\*

Average Positional Accuracy:  $\pm 1$ mm in readings detected from the end of the tag

### Surgical Probe

Single-use, sterile, disposable probe used to guide the surgeon to the Tag during the procedure.

### Dimensions:

175mm long

8mm diameter

Max Reading Depth: 3cm\*\*\*

## Tag Applicator Specifications

### Tag Applicator

The Tag Applicator consists of a plastic molded handle and a beveled 12 GA introducer needle with locking plunger.

Dimensions: Needles are provided in approximately 5, 7, or 10cm lengths and include 1cm depth reference marks.

### Tag

Each Tag has a unique ID # and includes a polypropylene sheath designed to help prevent migration in tissue.

### Dimensions:

10.6mm long

2mm diameter



\*\* Average Positional Accuracy:  $\pm 1$ mm in readings detected from the end of the tag

\*\*\* As measured from end of the Surgical probe to end of Tag

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**See Clearly.  
Act Confidently.**

**Precise.  
Efficient.  
Intuitive.**

**Turn images into answers.  
On the spot.**

The Trident HD system elevates specimen imaging. It's the latest device to use our amorphous selenium, direct-capture technology to eliminate the image degrading effects of light diffusion and improve image conspicuity. The system's Automatic Exposure Control (AEC) is optimized for breast excisions and core biopsies, and its advanced algorithm was created specifically for breast specimen radiography processing.

Faxitron™  
**Trident® HD**  
Specimen Radiography System

# With the Hologic Trident® HD Specimen Radiography System, you know with certainty.

When it comes to performing breast conserving surgeries, mastectomies, or stereotactic breast biopsies, nothing is more important than being sure. **Are the margins clear? Do you have the specimen of interest? Have the markers been captured?**

This next-generation solution taps into the power of Hologic's proven detector technology to generate sharp, highly detailed images for rapid sample verification in the operating or procedure room.

**No transporting the specimen to another room for imaging. No waiting for margin confirmation. No costly scheduling delays.**

Instead, you have the quality images you need to make informed clinical decisions on the spot, which streamlines workflow, shortens procedure time and helps reduce recalls.

Trident HD's sleek, modern, ergonomic design yields a small footprint, making it easy to manoeuvre, yet its imaging area is large enough to accommodate a large range of sample sizes.

**The Trident HD system is fast to learn, easy to use and simple to maintain which gives you more time to do what you do best - take care of your patients.**



## Precise

### Exceptional Image quality

- Same detector technology as the market leading Dimensions® platform and Affirm® prone system: amorphous selenium direct capture imaging to render crisp, clear, high resolution images.
- Compare specimen image with original mammogram or biopsy on one screen.
- Automated Exposure control (AEC).



## Efficient

### Improved workflow

- Instant verification right in the procedure or operating room results in faster completion time without the need to wait for margin confirmation.
- Easy integration to facility and WiFi.
- Ability to send images to SecurView™ DX Workstation or PACS with a single touch.



## Intuitive

### Ease of use

- Intuitive control panel and software interface.
- Robust tool set including annotate, measure and zoom.
- Easy to clean, modern enclosed design.
- Small footprint to maximize operating room space.



The detector size of 16x18cm is specifically designed to meet the demands in the Operating Room.



An optional barcode scanner makes it quick and easy to pull up a patient's clinical data and history during a procedure.



A flat touchscreen display with enclosed design enables easy cleaning to support your infection control protocols.



Ability to view priors on the same screen speeds up comparison and analysis.

Software-driven system eliminates the risk of damage to physical keys.

Auto-sensing magnification to reduce procedural steps.

Enhanced productivity by fast and easy access to the Modality Worklist.

Tilt and swivel the high resolution monitor for optimal viewing.

Review user manual and watch training videos right on the monitor.

User-friendly and easy to clean touchpad controls and software interface.

Window allows user to maintain orientation of the specimen.

Interlocked X-ray chamber door without restricting access.

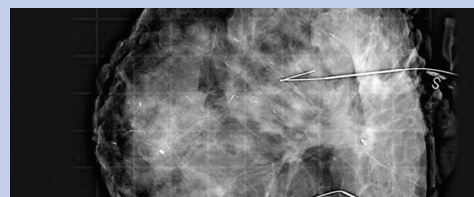
Excellent mobility of the compact system.



Wireless integration supports advanced image sharing and transfer of patient records to PACS or a SecurView® DX workstation – with a single touch.



Uses the same amorphous selenium detector technology as Hologic Dimensions® and Affirm® Prone platforms for exceptional image quality



Count on exceptional quality. An image can be acquired every 25 seconds to help make fast, informed decisions in the operating room, Radiology or Pathology departments.

# Hologic offers the Total Breast Imaging Solution for the OR.

## PRE-SURGERY PLANNING



Use Viera Ultrasound imaging to locate the lesion and determine where to make the initial incision.

## DURING SURGERY



Use the Localizer system and Viera Ultrasound to confirm location of lesion.

## POST EXCISION



Use Trident HD system's x-ray imaging on the excised specimen.

**Viera™**  
Portable Breast Ultrasound

The first wireless, handheld breast ultrasound with exceptional breast image quality.



**Precise**  
**Portable**  
**Affordable**

[www.VieraPortableUltrasound.com](http://www.VieraPortableUltrasound.com)

**Localizer™**  
Wire-free Guidance System

Precision guidance for breast surgeries with RFID technology.



**Precise**  
**Simple**  
**Portable**

[www.LocalizerWireFreeGuidance.com](http://www.LocalizerWireFreeGuidance.com)

**Faxitron™**  
**Trident® HD**  
Specimen Radiography System

Turn images into answers. On the spot.



**Precise**  
**Efficient**  
**Intuitive**

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# TruNode® single-use gamma probe

With the TruNode® system, the single-use wireless gamma probe from Hologic, you know with certainty.

The TruNode® system is the first high performance, sterile, single-use, wireless gamma probe that has been optimized for the most common radio-guided surgical procedures. The TruNode® system is effective in applications such as sentinel lymph node mapping and radioactive seed localization.



## TruNode® system features:

### Industry-Leading Resolution

The TruNode® system features a 10% energy resolution, enabling the user to detect faint nodes closer to the injection site and facilitating precise hotspot localization.

### Fingertip Control

Toggle between three modes of detection (high-sensitivity Scan, high-resolution Point and I-125 Seed) with a simple to use, fingertip controls from the sterile field.

### Three Detection Modes

With its three detection modes, the TruNode® system optimizes sentinel node, parathyroid and tumor localization procedures.

### Minimal Incision Size

With a 10mm operative diameter, the TruNode® system is designed to be minimally invasive and easy to maneuver.

### Sterile

The TruNode® probe is fully sterile, eliminating drapes and reprocessing in the operating room.

### Voice Reporting

The TruNode® system's compact User Feedback Unit provides both audible and visual user feedback, reducing the need to monitor a display.

### Simple Placement

The TruNode® system has a minimal footprint as the User Feedback Unit clips to any IV pole in the operating room.

### Single-Patient Use

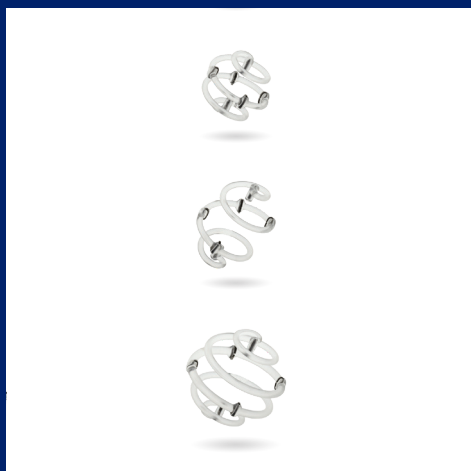
The TruNode® system was designed to reduce the risk of cross-contamination and surgical site infections.

**TruNode®**  
Single-use Gamma Probe

# A comprehensive family of solutions

The TruNode® single-use gamma probe fits right into Hologic's full range of breast conserving solutions. Hologic has a complete set of products for breast conserving surgery to help you improve efficiency, optimize the patient experience and deliver the best outcomes possible. Talk to your representative about the systems that can best suit your and your patients' needs, ensuring your patients have the best possible care when they need it most.

**BioZorb® 3D bioabsorbable marker**  
Not CE marked. Not available for sale.



**LOCalizer® wire-free guidance system**



Be sure to talk with your Hologic representative about which breast conserving solution is right for you and your patients.

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