

ATEC® MRI - POWERFUL TETHERED VACUUM. DESIGNED FOR COMPASSIONATE PATIENT CARE.

At Hologic, we believe that great science delivers meaningful innovation. This mindset led Hologic to become the pioneer and market leader in MRI breast biopsy with over 15 years of experience.¹



The ATEC® system is designed for **compassionate patient care**, **speed** and **simplicity**, critical of an MRI-guided breast biopsy.

FAST.

- Tissue acquisition occurs every 4.5 seconds, typically lasting less than 30 seconds total.³
- With ATEC® MRI, physicians have reduced the typical procedure time to under 40 minutes, greatly improving patient comfort and optimizing costly magnet time.²

COMPASSIONATE.

- Automatically delivers local anesthetic directly to the biopsy site without interruption.
- MRI access needle has a blunt tip designed for thin breasted women. Minimum compression required is 16mm.

EASY.

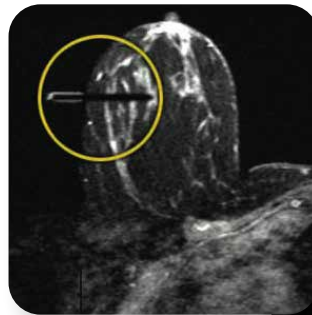
- The ATEC® Sapphire 100 console can be used in all 3 modalities.
- Setup in less than one minute, no programming required.
- Fully disposable handpiece.
- Closed system reduces contamination risk.



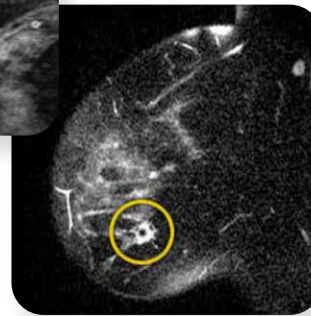
ATEC® Introducer Localization System (ILS)

Target with confidence. Exclusive to the ATEC® MRI Biopsy system, the ATEC® ILS is designed for identification, localization and confirmation of the target area. Each ATEC® ILS is comprised of introducer stylet, introducer sheath, needle guide and localizing obturator.

NOTE: Availability may vary by country.



Axial image



Sagittal image



Markers

Two titanium Trimark® marker and three stainless steel SecurMark® marker shapes available are designed to provide optimal MRI artifact and feature a rigid-end-deploy device for an integrated MRI solution.



TriMark® Marker

Reliable and simple bio-compatible **Titanium metal markers**, optimal for thin-breasted patients and superficial lesions.

Cork

Hourglasses



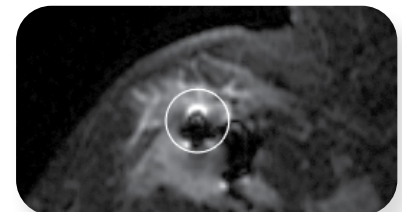
SecurMark® Marker

The bio-absorbable suture-like net that carries a bio-compatible permanent marker, is designed to **minimize movement** within the biopsy cavity and **enhance ultrasound visualization** for three to four weeks post-biopsy.⁵

Buckle

infinity

Spotlight



SecurMark Stainless Steel under MRI

ATEC® MRI Biopsy Needle Specification

	Standard ATEC® MRI biopsy device	ATEC® MRI access biopsy device
Gauge	9G	9G
Length	14cm	14cm
Aperture	20mm	12mm
Tubing	20ft	20ft

NOTE: Availability may vary by country.

References

1. First MRI guided breast biopsy system in 2003. 2. Schrading S, Simon B, Braun M, Wardelmann E, Schild H, Kuhl C. MRI-Guided Breast Biopsy: Influence of Choice of Vacuum Biopsy System on the Mode of Biopsy of MRI Only Suspicious Breast Lesions. AJR 2010; 194: 1650-1657. 3. 4.5 second tissue acquisition. Data on file at Hologic, Inc. 4. J.M., Scarth, W, Teh; Harrow/UK. MR-guided vacuum-assisted core-needle breast biopsy: Comparison of three vacuum-assisted biopsy devices. ECR Congress 2009. Scientific Paper, e-Poster: B-295. 5. Pickney and Shah, 2013, Prospective comparative study to evaluate the sonographic visibility of five commercially available breast biopsy markers. (GelMark, HydroMARK, SecurMark, SENOMARK, and UltraClip by Bard (BioDur® 108 core)). Yen et al. verified that SecurMark and SENOMARK devices show reduced displacement when compared to traditional metal surgical clips (28% and 27% vs 38% displacement, p = 0.001 and p = 0.0001)

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