



Mammotome® Markers



Compatibility with

Non-Mammotome
breast biopsy devices

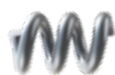
Our Marker Portfolio

Mammotome provides a wide variety of breast biopsy markers available for stereotactic, ultrasound and MRI-guided procedures, compatible with both Mammotome biopsy devices as well as other biopsy devices available on the market today.

HydroMARK™ Markers



Barrel



Open Coil



Butterfly

MammoMARK® Identifiers & CorMARK® Identifiers



Bowtie



U-Shape

MammoSTAR® Markers



Barbell



Tribell

HydroMARK™

Breast Biopsy Site Marker



Marker Materials:
Titanium (nickel free) & Stainless Steel



Marker Carrier:
Hydrogel

Enduring exclusive hydrogel technology provides long-term ultrasound visibility.

- Hydrates to provide enhanced ultrasound visibility for up to 12 months even after neoadjuvant chemotherapy¹
- Easily seen under MRI during a T2 sequence²
- A more visible target for your localization preference³



Hologic ATEC®			Hologic Eviva® / Brevera®			Core Needle, Celero®, FINESSE® ULTRA, VACORA® U/S, BD EleVation™			
PROBE GAUGE	SHAPE	PRODUCT CODE	PROBE GAUGE	SHAPE	PRODUCT CODE	MARKER GAUGE	SHAPE	PRODUCT CODE	
9G T		4010-01-11-T1	9G T		4010-04-09-T1	15G T		4010-02-15-T1	
		4010-01-11-T3			4010-04-09-T3			4010-02-15-T3	
		4010-01-11-T4			4010-04-09-T4			4010-02-15-T4	
	05-10 Delivery = handpiece Aperture = any		4010-05-10-T1	12G T		4010-03-15-T1-SHORT	18G T PC		4010-02-18-T3
			4010-05-10-T3			4010-03-15-T1-SHORT			
			4010-05-10-T4						
01-11 Delivery = outer cannula, detached needle		4010-01-08-T1*	BD EnCor Enspire™						
		4010-01-08-T3*	10G T		4010-03-09-T1				
		4010-01-08-T4*		4010-03-09-T3					
Delivery = introducer sheath Aperture = any *For use with ATEC® MR Probe		4010-01-08-T1*	Delivery = through the probe						
		4010-01-08-T3*	MRI T		4010-01-08-T1				
		4010-01-08-T4*			4010-01-08-T3				
				4010-01-08-T4					
			Delivery = through MRI introducer *Also for use with EnCor Enspire™ MR probe						

T = TITANIUM

PC = PETITE CARRIER

HydroMARK™ marker photos courtesy of Dr. Robin Shermis, M.D., ProMedica Breast Care of Toledo

MammoMARK® & CorMARK®

Biopsy Site Identifier

Biopsy Site Identifier



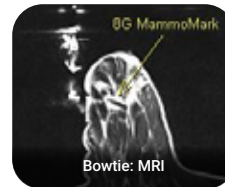
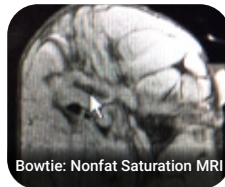
Marker Materials:
Titanium (nickel free)



Marker Carrier:
Medical Grade Bovine Collagen

Precise rapid collagen expansion for unsurpassed placement accuracy.⁴

- Expands rapidly on deployment by 300% reducing chance of migration⁵
- Increased surface area improves ultrasound visibility on deployment⁴
- Quickly absorbs surrounding fluid on deployment⁵



Hologic ATEC®			Hologic Eviva® / Brevera®			Core Needle, Celero®, FINESSE® ULTRA, VACORA® U/S, BD EleVation™		
PROBE GAUGE	SHAPE	PRODUCT CODE	PROBE GAUGE	SHAPE	PRODUCT CODE	MARKER GAUGE	SHAPE	PRODUCT CODE
9G		MMK1001	9G		MAM3001	14G		MAM3014
		MMK1002			MAM3002			
Delivery = back of probe Aperture = 20mm					MAM3008			
9G		MAM3001*	MAM3001/3002 Aperture = 20mm MAM3008 Aperture = 12mm Needle length = 13cm					
		MAM3002*	12G		MAM3001			
Delivery = introducer sheath Aperture = 20mm *Also compatible with ATEC® MR Probe					MAM3002			
			BD EnCor Enspire™					
PROBE GAUGE	SHAPE	PRODUCT CODE	PROBE GAUGE	SHAPE	PRODUCT CODE	MARKER GAUGE	SHAPE	PRODUCT CODE
7G		MRM4008	7G		MRM4008			
10G		MRM4002	10G		MRM4002			

MammoSTAR®

Biopsy Site Marker



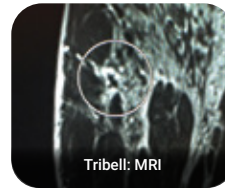
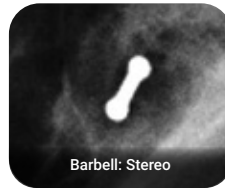
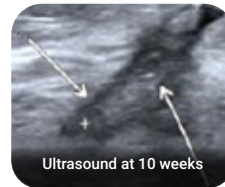
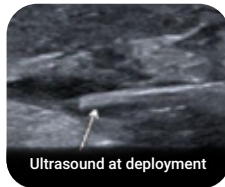
Marker Materials:
Carbon Coated Ceramic (nickel free)



Marker Carrier (Regular & Petite):
Beta Glucan (polysaccharide simple sugar)

Natural non-metal marking
alternative for unique
patient sensitivities.

- A non-metal option not derived from animal
- Enables ability to localize under ultrasound
- Long-term ultrasound visibility⁶



Hologic ATEC®			Hologic Eviva® / Brevera®			Core Needle, Celero®, FINESSE® ULTRA, VACORA® U/S, BD EleVation™					
PROBE GAUGE	SHAPE	PRODUCT CODE	PROBE GAUGE	SHAPE	PRODUCT CODE	MARKER GAUGE	SHAPE	PRODUCT CODE			
9G		STAR1031	9G		STAR1121	10G		STAR1001			
		STAR1032									
		STAR1033									
Delivery = back of probe STAR1031/1032 Aperture = 20mm STAR1033 Aperture = 12mm or 20mm			Aperture = 20mm Needle length = 13cm			14G		STAR1401			
9G		STAR1101	BD EnCor Enspire™							STAR1402	
		STAR1102									
Delivery = detached needle Aperture = 20mm			Delivery = detached needle Aperture = 20mm			PC		STAR1403			
7G		STAR0831	7G		STAR0831				10G		STAR1031
		STAR0832									
		STAR0833									
10G		STAR1031	10G		STAR1031	PC		STAR1032			
		STAR1032									
		STAR1033									

Order Placement



Contact your Customer Service Representative at **+49 (0) 4106 978 9300**. Shipping details and an order confirmation number will be provided to you upon completion of your order.



Send your order via fax to your Customer Service Representative at **+49 (0) 40-500 98 940**.



Send your order via email to your Customer Service Representative at **info-europe@mammotome.com**.

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Commercial Register: 15448 KI | District court: Kiel | Tax number: 18/297/28192 | VAT-ID: DE202370516

Mammotome

mammotome.com

References:

1. Sakamoto N, Fukuma E, Tsunoda Y, Teraoka K, Koshida Y. Evaluation of the dislocation and long-term sonographic detectability of a hydrogel-based breast biopsy site marker. *Breast Cancer*. 2018 Sep;25(5):575-582. doi: 10.1007/s12282-018-0854-8. Epub 2018 Mar 23. PMID: 29572658.
2. Shah AD, Mehta AK, Talati N, Brem R, Margolies LR. Reprint of: Breast tissue markers: Why? What's out there? How do I choose? *Clin Imaging*. 2019 May-Jun;55:196-212. doi: 10.1016/j.clinimag.2019.05.014. Epub 2019 Jun 14. PMID: 31204189.
3. Blumencranz, P.W., Ellis, D. & Barlowe, K. Use of Hydrogel Breast Biopsy Tissue Markers Reduces the Need for Wire Localization. *Ann Surg Oncol* 21, 3273–3277 (2014). <https://doi.org/10.1245/s10434-014-3917-x>
4. Corsi F, Sorrentino L, Sartani A, Bossi D, Amadori R, Nebuloni M, Truffi M, Bonzini M, Foschi D. Localization of nonpalpable breast lesions with sonographically visible clip: optimizing tailored resection and clear margins. *Am J Surg*. 2015 Jun;209(6):950-8. doi: 10.1016/j.amjsurg.2014.07.010. Epub 2014 Oct 12. PMID: 25457243.
5. MammoMARK™ Device Test - PRC043442 Rev B, pgs. 2, 5-6: Collagen Expansion
6. Mammotome data on file

Product may not be approved or available in your region. Please check with your local Mammotome representative.

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