Mammotome Prima™ MR

Dual Vacuum-Assisted Breast Biopsy System

Always by your side

In-room efficiency for greater confidence
and optimized patient care



The Mammotome Prima™ MR Advantage

Introducing the first-ever in-room, vacuum-assisted MR breast biopsy system at the patient's side to improve clinician coordination, communication and patient focus.



- Easier procedure with in-room system design and reduced tubing[1,2]
- Stronger vacuum[3] and larger tissue samples[4] with shorter tubing and 8G needle size
- Better tissue visibility[5]
- Simplified aperture rotation via probe knob
- Convenient aperture size and variable vacuum selections on touch screen







Control Module



Excessive Gauss detection system for user assurance in the MR environment

Touchscreen display provides real-time feedback such as biopsy count, probe actions, battery status and more

Control module with dual vacuum technology

Single and continuous biopsy sampling modes and fluid management controlled with the tap of a foot

Tray for additional working space

Innovative probe docking system for secure and sterile probe placement throughout the procedure

75% less tubing than other systems,[2] which provides:
- Stronger vacuum[3]
- Faster set up and clean up[2]

Probe

Providing confidence in every procedure. Trust the physics.

Shorter tubing → stronger vacuum + 8G probe = larger tissue samples[2-4]



Clear tissue collection chamber for real-time confirmation of sampling

Touchless tissue sample tray designed to be placed directly into a formalin container

Lightweight, ergonomic probe with an aperture rotation knob to prevent cord and tubing twisting

Half aperture setting and blunt tip supports access to superficial lesions



Pain management support with two options for medication delivery: manually direct at the site or passively through the probe

Passive intraoperative fluid delivery to cavity and through probe during biopsy and vacuum cycles

Dual lumen design with dual vacuum technology



Simple setup with screen prompts and notifications to reduce learning curve and enhance confidence for the whole team.

Benefits for Technologists:

- More intuitive[6]
- Easier overall MRI breast biopsy procedure with in-room design and reduced tubing[1,2]
- Easier to set up[7]
- Faster to clean up[8] with less biohazard waste[2]



Universal Targeting Set

Easy to target the desired lesion with the universal targeting set[9]



Mammotome Prima™ MR System Components

Code	Description	Qty
MRKIT1	Mammotome Prima™ MR Capital Kit with Tray: MRCM1, MRTRAY1, MRBC1, MRFOOT1	1
MRKIT2	Mammotome Prima™ MR Capital Kit without Tray: MRCM1, MRBC1, MRFOOT1	1
MRCM1	Mammotome Prima™ MR Control Module with Two Batteries	1
MRFOOT1	Mammotome Prima™ MR Footswitch	1
MRBC1	Mammotome Prima™ MR Battery Charger	1
MRB1	Mammotome Prima™ MR Battery	1
MRTRAY1	Mammotome Prima™ MR Tray	1
MRPROBE08	Mammotome Prima™ MR 8G x 145mm Probe and Tubing Set	1
MRTARGET08	Mammotome Prima™ MR 8G x 145mm Universal Targeting Set	1
MCANISTER1	Vacuum Canister (800cc)	10

Key Technical Specifications

Item	Specification Description
MR Safety: Control Module & Probe	MR conditional: cleared for in-room use in 1.5T & 3T magnets
MR Safety: Battery	MR unsafe: must remain out of room unless installed in control module
MR Safety: Universal Targeting Set	MR safe
Control Module Dimensions	67.1cm x 49.8cm x 100.5cm (L x W x H)
Tray Dimensions (Optional)	22.6cm x 44.9cm (L x W)
Vacuum Control	3 level variable vacuum: low, medium, high
Aperture Variability	2 level variable aperture: 10mm and 20mm
Sampling Control	Foot pedal
Probe Specimen Management	Tissue tray capable of holding at least 24 samples; can be placed directly in formalin cup

Order Placement

Contact your Customer Service Representative at **1-877-926-2666** between the hours of 8:00am and 5:00pm EST. 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 **1-888-260-6362**.

Send your order via email to your Customer Service Representative at **us.customerservice@mammotome.com**.

Technical Support

For technical support, contact us via phone at **1-877-926-2666 (option 3)** or by email at **TechnicalSupport@mammotome.com**.

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For complete product details, see the Instructions for Use.

1. Compared to the Hologic ATEC® system based on survey of 15/16 (94%) radiologists and 15/16 (94%) MRI technologists currently using Hologic ATEC® system, after using the Mammotome Prima™ MR system.
2. Compared to Hologic ATEC® standard MR probe tubing and BD Encor Enspire™ MR probe with tubing extension.
3. Measured at the aperture, compared to Hologic ATEC® breast biopsy system based on benchtop testing.
4. Mammotome Prima™ MR 8G probe compared to the Hologic ATEC® 9G yielded 78.6% higher average sample weight based on porcine lab data from 120 tissue samples for each group of devices.
5. Based on survey of 15/16 (94%) radiologists currently using Hologic ATEC® system, after using the Mammotome Prima™ system.
6. Compared to the Hologic ATEC® system based on survey of 16/16 (100%) MRI technologists currently using Hologic ATEC® system, after using the Mammotome Prima™ system.
7. Compared to Hologic ATEC® based on survey of 14/16 (88%) MRI technologists currently using Hologic ATEC® system, after using the Mammotome Prima™ MR system.
8. Compared to Hologic ATEC® based on survey of 13/16 (81%) MRI technologists currently using Hologic ATEC® system, after using the Mammotome Prima™ MR system.
9. Based on survey of 17/17 radiologists after using the Mammotome Prima™ MR system.

Obturator MRI photo courtesy of Dr. Preibsch, University of Tuebingen

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

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