

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 vacuum³ and larger tissue samples⁴ with shorter tubing and 8G needle size
- ✓ Better tissue visibility⁵
- ✓ 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



Optional tray for additional working space



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



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



Control module with dual vacuum technology



75% less tubing than other systems,²
which provides:
• Stronger vacuum³
• Faster set up and clean up²



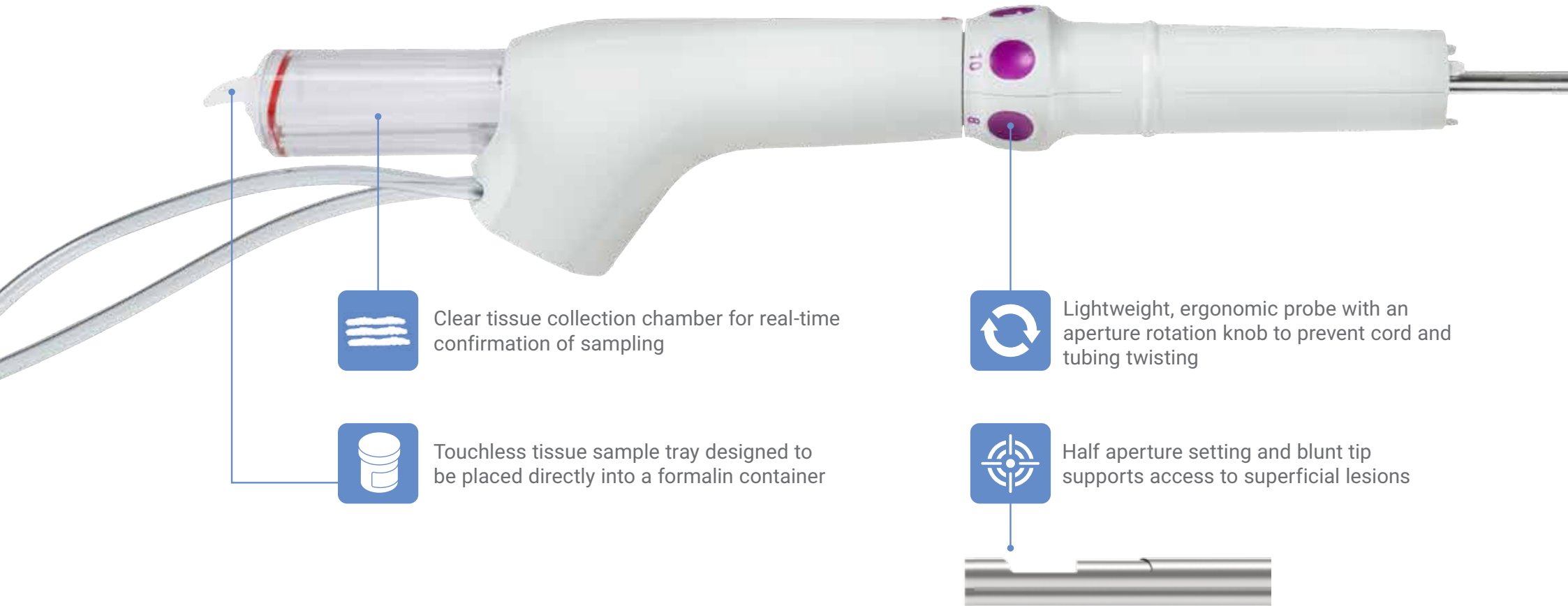
Single and continuous biopsy sampling modes and fluid management controlled with the tap of a foot



Probe

Providing confidence in every procedure. Trust the physics.

Shorter tubing → stronger vacuum + 8G probe = larger tissue samples²⁻⁴



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 intuitive⁶
- Easier overall MRI breast biopsy procedure with in-room design and reduced tubing^{1,2}
- Easier to set up⁷
- Faster to clean up⁸ with less biohazard waste²



Universal Targeting Set

Easy to target the desired lesion with the universal targeting set⁹



Universal Targeting Cube

Imaging Plug

Obturator handle provides an ergonomic grip surface to facilitate insertion

Additional anesthetic may be administered through the obturator directly to the biopsy site via Luer connection

Depth stop locks in place with a simple twist

Bladed tip for insertion

Ceramic obturator is visible under MRI and can remain in place during imaging to verify aperture location



Obturator, MRI with Contrast Depicted Representation

Mammotome Prima™ MR System Components

Code	Description	Qty
MRKIT1	Mammotome Prima™ MR Capital Kit: MRKM1, 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 (Optional)	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 **+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 9406362**.

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

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

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