

ATEC[®] Breast Biopsy & Excision System



The simple answer to a flexible biopsy solution.

Our ATEC[®] Sapphire 200 vacuum-assisted breast biopsy console is a simple, all-in-one platform for all three modalities: ultrasound, MRI, stereotactic 2D and 3D™-image guided biopsy. Designed for radiologists and surgeons who need a simple solution with maximum utility, that considers compassionate care and results in essential elements in breast biopsy.

Designed for compassionate patient care, the system delivers consistent, quality cores in one needle insertion.

ATEC[®]
Breast Biopsy and Excision System



ATEC Breast Biopsy Needle for Ultrasound

A proven solution that enables a fast and compassionate breast biopsy.

Powerful tethered vacuum delivers multiple samples with a single insertion and local anesthetic without interruption.¹



ATEC Breast Biopsy Needle for MRI

The pioneer in breast MRI biopsy procedures, designed for compassionate patient care, speed and simplicity.

Delivering the fastest procedure time in MRI by 10 minutes.²



Eviva[®] Breast Biopsy Needle for Stereotactic

Seamless integration with the ATEC Breast Biopsy device, provides optimised access to challenging lesions with biopsy needle options for most breast sizes.

Technical specifications

Electrical Requirements	
Input Line Voltage	220-230VAC
Maximum Power	1150W
Frequency	50/60Hz
Maximum Current	5Amps
Fuse	6Amps, Breaker
ATEC® Sapphire 200 Console	
Construction Dimensions	Caster wheels with 360 degrees rotation 63 x 53 x 93cm (25 x 21 x 37in) WxDxH
Weight	50kg (110lbs)
Safe Working Load	10kg (22lbs)
Power Cord Length	3 or 5m (19.8 or 15ft)
Vacuum Generated	~71cm Hg (~28in) at sea level
Footprint	3400cm (1339in)
Cycle Time	4.5 seconds for acquisition
Operating Environmental Conditions	
Ambient Temperature	+15 to +40°C (+59 to +104°F)
Relative Humidity Range	30% to 75%
Atmospheric Pressure Range	812 hPa to 1014 hPa
ATEC Footswitch - MRI Conditional	
Size	9 x 16 x 5cm (4 x 6 x 2in) WxLxH
Weight	0.5kg (1lb)
IPX Rating	IPX8
Cable Length	6m (20ft)
Accessories	
ATEC Sapphire 200	Canister with lid
ATEC Biospy Device	Tissue Filter Remote Tissue Filter (RTFA) Stereotactic Adapter Needle Guides Introducer Localization System (ILS)
Eviva® Biospy Device	Tissue Filter Stereotactic Adapter Needle Guides



ATEC Handpiece Assembly



ATEC & Eviva Biopsy Devices

ATEC Biopsy Device	
Handpiece Size	4.22 diameter x 26.83cm long (1.66 x 10.56in)
Handpiece Weight	204g (7.26oz)
Needle Lengths	9cm (3.52in) 12cm (4.72in) 14cm (5.50in)
Outer Cannula Diameter	12g: 2.82mm (0.11in) 9g: 3.76mm (0.148in)
Inner Cannula Diameter	12g: 2.13mm (0.084in) 9g: 3mm (0.118in)
Aperture Length	20mm (0.787in) 12mm (0.472in)
Tubing Set Length	US/STX handpiece: 3.66m (12ft) MRI handpiece: 6.10m (20ft)
Sterilisation	By radiation
Eviva Biopsy Device	
Handpiece Size	3.76 x 20.75 x 4.6cm (1.48 x 8.17 x 1.81in) WxLxH
Handpiece Weight	206.6g (8.7oz)
Needle Lengths	910cm (3.93in) 13cm (5.11in)
Outer Cannula Diameter	12g: 2.82mm (0.11in) 9g: 3.76mm (0.148in)
Inner Cannula Diameter	12g: 2.03mm (0.080in) 9g: 3mm (0.118in)
Aperture Length	20mm (0.787in) 12mm (0.472in)
Tubing Set Length	STX handpiece: 3.66m (12ft) MRI handpiece: 6.10m (20ft)
Sterilisation	By radiation

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References: 1. Schrading S, Simon B, Braun M et al. 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. 2. Compared to Mammotome and Vacor: 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.

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