ACUSON Maple Ultrasound System

# Optimize your clinical performance every day

Release 1.0

siemens-healthineers.com/maple

SIEMENS Healthineers

# A new level of performance is now within reach

## Delivering clinical versatility and high-quality imaging—powered by ACUSON technology.

Since developing the first medical ultrasound system, Siemens Healthineers has pushed the boundaries to design purpose-built machines that elevate what's possible in ultrasound.

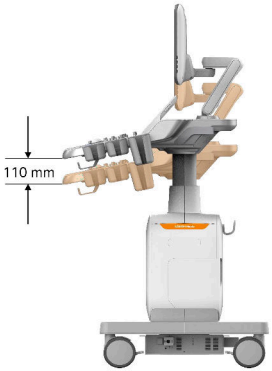
Powered by acclaimed ACUSON technology, the ACUSON Maple Ultrasound System sets a new standard—making reliable, high-quality imaging attainable in demanding, fast-paced environments for every patient, every day. Best-in-class image quality for diagnostic confidence. Customizable productivity tools and powerful AI solutions to enhance usability and efficiency. Thoughtful design for intuitive operation. Small footprint and lightweight portability. It's all here, ready to meet the demands of your facility so you can enhance workflows and help more patients.

# Designed for versatility

The right tools are essential for a confident examination and diagnosis. ACUSON Maple is a premium, shared-service ultrasound system that provides an enhanced user experience and offers a set of features optimized for the hardworking, everyday needs of all main clinical areas.

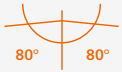
ACUSON Maple is designed and built to keep up with the demands of today's clinical realities, with a compact footprint for maneuverability to fit into smaller exam areas.

**System up/down**




**Monitor forward**

**Monitor arm base swivel**

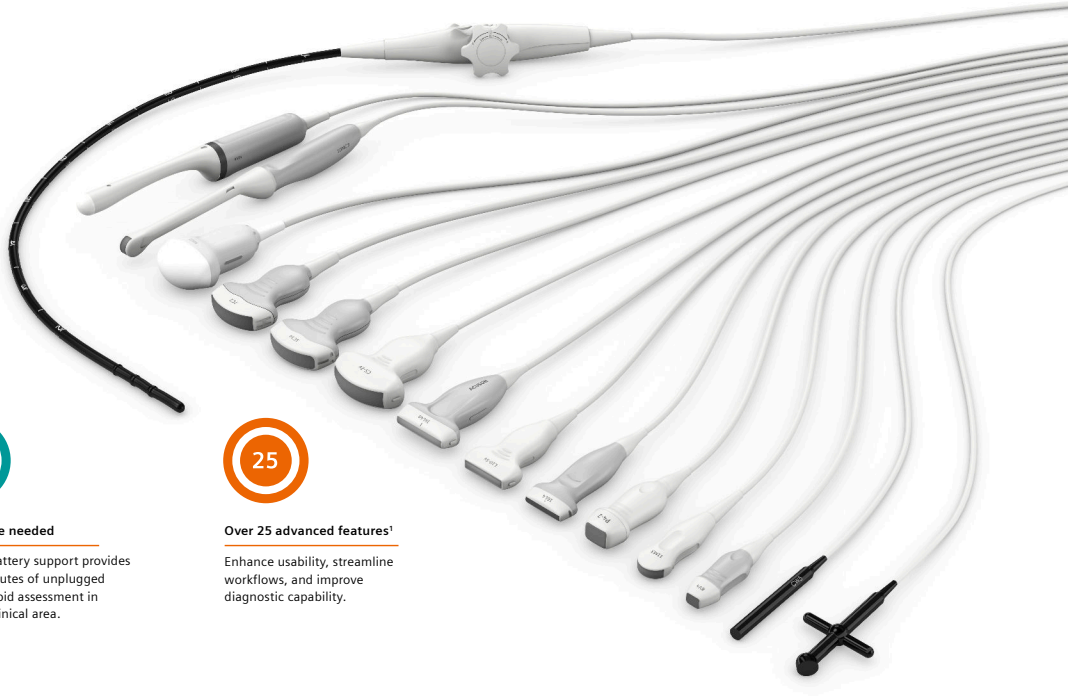



**80° rotation**

80° right/left rotation for user flexibility in choosing transducer connectors position.

# Take a closer look at what's possible for every patient, every day

With a large selection of transducers and advanced features that provide more options and capabilities, ACUSON Maple is designed to maximize performance and enable a confident exam across clinical specialties.



**15**

**15 transducers**

Get the versatility you need to cover a wide range of clinical applications.

**75**

**Power where needed**

Integrated battery support provides up to 75 minutes of unplugged power for rapid assessment in nearly any clinical area.

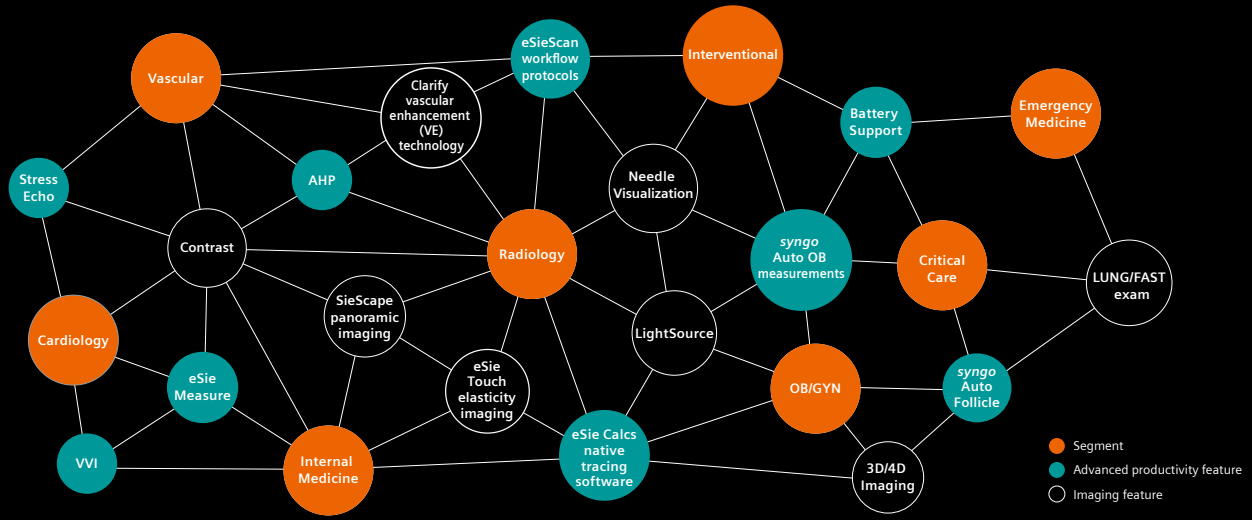
**25**

**Over 25 advanced features[1]**

Enhance usability, streamline workflows, and improve diagnostic capability.

# Clinical excellence across specialties

ACUSON Maple offers a wide range of tools and options to support multiple clinical departments.



# Powerful imaging at your fingertips

With ACUSON Maple, you can be prepared for virtually every patient, regardless of physical characteristics or condition. Intuitive design minimizes the need for manual optimization with less interaction with the system. Yet, it still delivers high-quality images with excellent penetration and resolution on every patient. This simplifies usability and is particularly helpful for clinicians with less training, which can increase efficiency and patient throughput.

## Advanced imaging

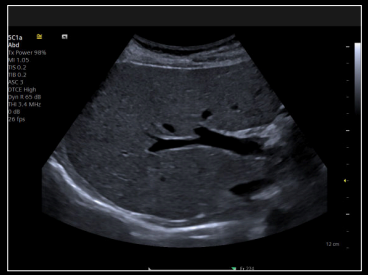
- Auto Flash Color Suppression
- eSieImage multiparametric optimization
- Speed of Sound

# Advanced productivity is now at hand

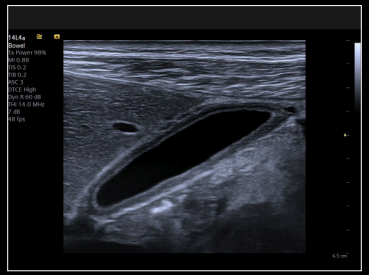
Advanced features—including AI-powered tools[1]—empower clinicians to work more efficiently by reducing repetitive tasks and allowing for more consistency in manual operations such as measurements, annotations, and body markers. This can enhance workflow and productivity for a range of clinician training levels and abilities, and can improve patient throughput. All while delivering best-in-class image quality for a more confident diagnosis, especially in challenging examinations.

## AI-powered tools

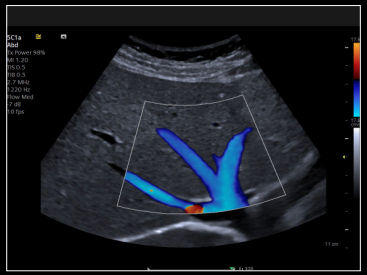
- eSie Calcs software
- eSie Left Heart measurement package
- eSie Measure workflow acceleration package
- *syngo* Auto Follicle
- *syngo* Auto OB measurements



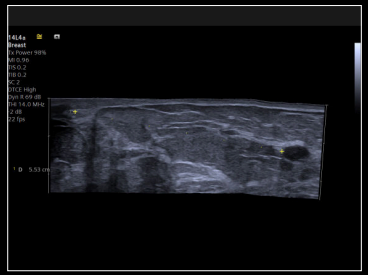
Exceptional contrast and detail resolution in this 5C1a image of the liver and portal vein. Notice the noise free near field and even speckle pattern throughout the liver.



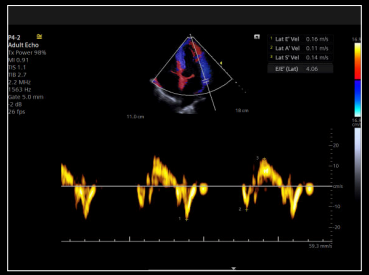
High frequency imaging of superficial structures can be achieved with ACUSON Maple. Notice the sharp and detailed borders in this 14L4a image of the gallbladder.



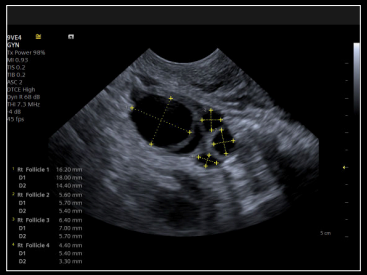
This 5C1a image of the liver and hepatic veins demonstrates how color flash suppression technology helps remove extraneous color noise, such as when imaging close to the heart.



SieScape imaging can aid in imaging anatomy larger than the transducer field of view, such as in this 14L4a image of the breast showing how far away the mass is from the nipple.

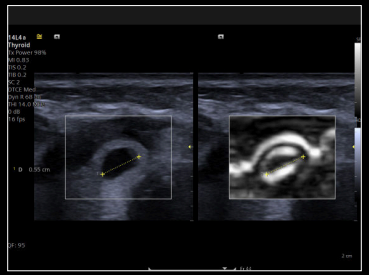


General, stress echo, and TEE cardiac imaging are possible on ACUSON Maple. This P4-2 image of the heart demonstrates DTI Doppler tissue imaging capability and the Doppler waveform of the lateral point of the mitral annulus.

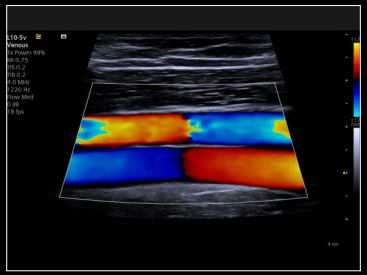


*syngo* Auto Follicle enables fast and accurate assessment of multiple follicles. It helps reduce exam time by allowing the user to automatically capture and record measurements in two planes.

The fine fibrillar pattern can be seen in this 16L4 image of the abductor pollicis longus tendon and demonstrates the high-resolution musculoskeletal imaging on ACUSON Maple.

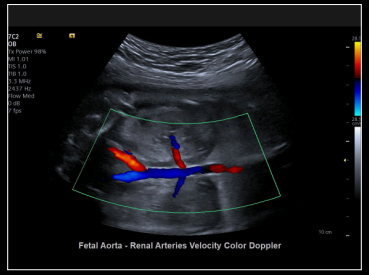


This 14L4a image of the thyroid utilizes strain and Virtual Touch imaging to help demonstrate the mechanical properties of tissue which show the classic appearance of a fluid filled structure. Also shown is the available shadow measurement function.

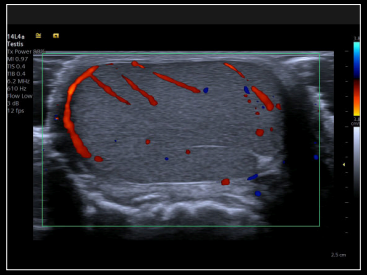


Trapezoidal imaging is available on all linear transducers on ACUSON Maple as demonstrated here in this L10-5v color Doppler image of the superficial femoral artery and vein.

High quality vascular imaging can be performed as demonstrated in this 14L4a power Doppler image of the carotid artery bifurcation.




Detailed, high-resolution obstetrical imaging can be achieved on ACUSON Maple. The fetal aorta and renal arteries are clearly demonstrated in this 7C2 coronal image of the fetal abdomen.



An excellent 2D image is maintained, along with highly detailed directional color power Doppler, in this 14L4a image of a testicle.

# We built more into it so you can get more out of it

Smart design, thoughtful engineering, sturdy construction, feature-packed usability, easy maneuverability, and portability —we considered it all, then built it all in. ACUSON Maple is the reliable ultrasound system that stands up to the rigors of daily usage and mobility.

**13.3" touch display**

Smart UI for quicker scan settings and protocols

**Productivity-enhancing details**

Two storage bins available and space for easy installation of peripherals

**Multiple transducer ports**

Efficient workflow with 4 active transducer ports and 1 pencil cardiac port

**Integrated battery support**

Provides up to 75 minutes of unplugged scanning

**21.5" LED monitor**

Highly adjustable for maximum operator adaptability

**Intuitive control panel**

Customizable height, angle, and keys

**Lightweight maneuverability**

One of the easiest systems to maneuver, weighing only 65 kilos (144 pounds), with front handle

# Service solutions to maximize performance

## Kinectus™... Always connected. Always Advancing. Always ahead.

Kinectus is a secure, easy-to-use, cloud-based remote service solution that keeps you connected and your software up to date, all while minimizing service costs and adhering to current security and compliance guidelines.

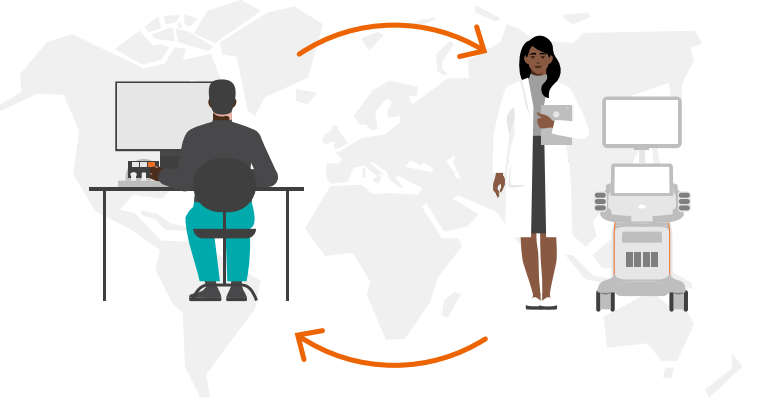
Powered by AWS (Amazon Web Services), Kinectus enables quicker resolution via remote technical support and remote application support, faster updates through on-demand and automatic updates; all with a secure connection.

## teamplay Fleet

teamplay Fleet is a digital health platform solution that enables you to streamline the management of your fleet and optimize asset performance holistically–24/7.

## Digital education with PEPconnect

Engage in learning activities and earn credits at any time and on any device for a personalized learning experience with PEPconnect and PEPconnections. Access a workforce education management plan as well as analytics and progress report tracking.



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Standalone clinical images may have been cropped to better visualize pathology.

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At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world's most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what's possible in healthcare to help improve people's lives around the world.

*Endnote*

1 AI-powered measurement tools consist of software applications leveraging machine learning-based Artificial Intelligence to achieve the intended outcome including eSie Calcs, eSie Left Heart package and eSie Measure package, *syngo* Auto Follicle, and *syngo* Auto OB measurements.

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