



Delivering top performance. Outstanding value.
Diagnostic scalability.

ACUSON X150 Ultrasound System

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Visualize more. Perform more effectively. Diagnose more confidently.

Designed from the ground up with an all-digital architecture, the X150 system provides exceptional performance and instantaneous activation of clinical workflow steps. The X150 system integrates state-of-the-art imaging technologies to address a wider range of patient needs and clinical applications.

Key technologies include:

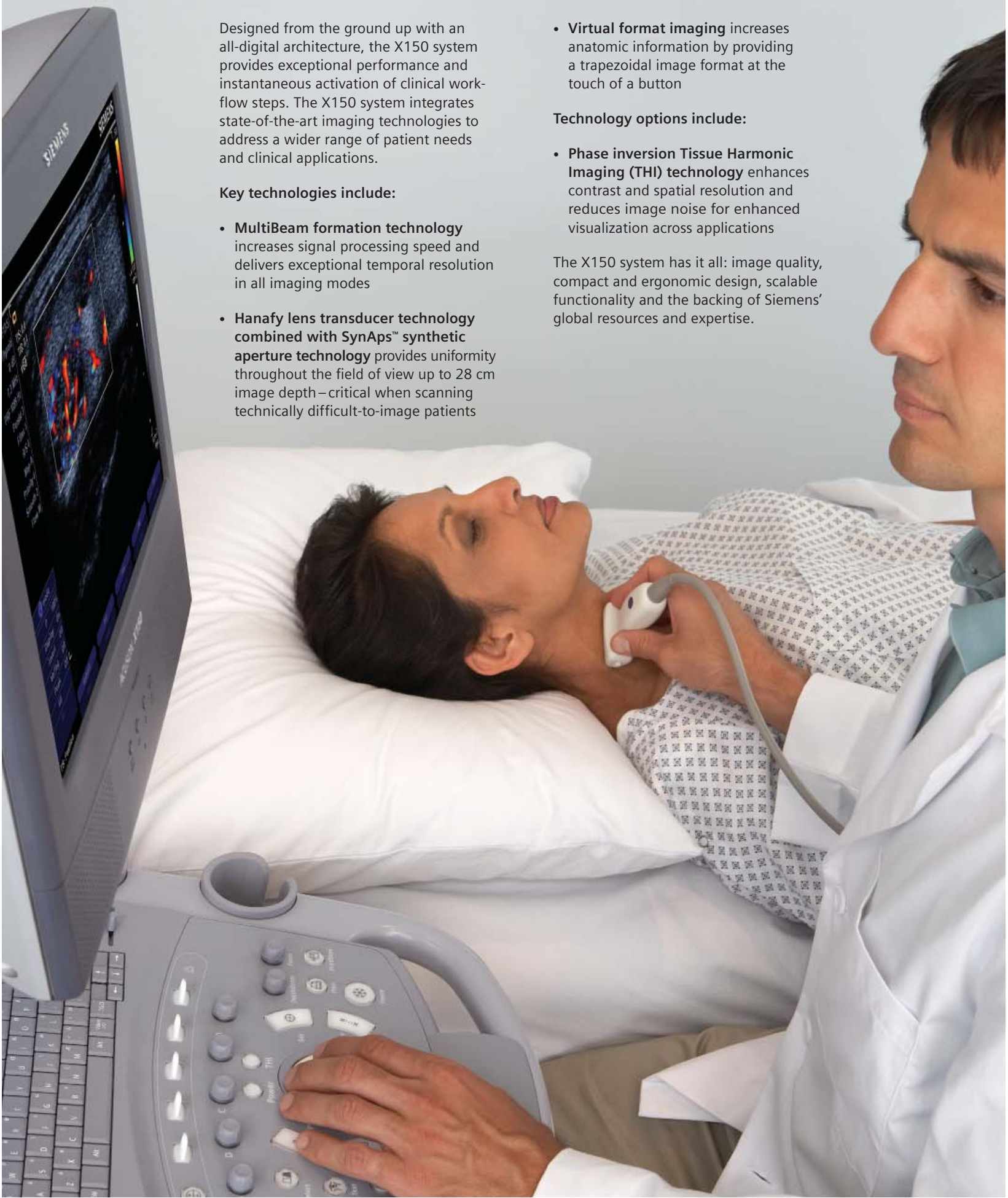
- **MultiBeam formation technology** increases signal processing speed and delivers exceptional temporal resolution in all imaging modes
- **Hanafy lens transducer technology combined with SynAps™ synthetic aperture technology** provides uniformity throughout the field of view up to 28 cm image depth—critical when scanning technically difficult-to-image patients

- **Virtual format imaging** increases anatomic information by providing a trapezoidal image format at the touch of a button

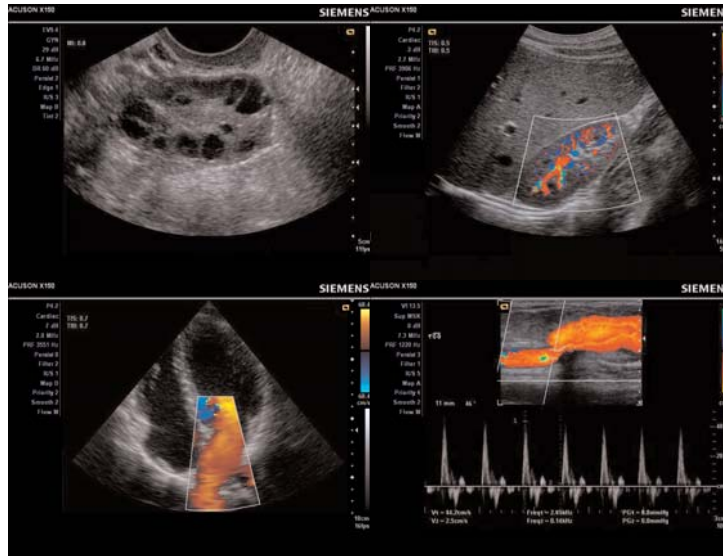
Technology options include:

- **Phase inversion Tissue Harmonic Imaging (THI) technology** enhances contrast and spatial resolution and reduces image noise for enhanced visualization across applications

The X150 system has it all: image quality, compact and ergonomic design, scalable functionality and the backing of Siemens' global resources and expertise.



Understanding challenges
Providing answers
Improving outcomes



- ▶ Gynecology Imaging
Ovarian Follicles
- ▶ Abdominal Imaging
Renal Vasculature, Color Doppler
- ▶ Cardiac Screening
Apical 4 Chamber, Pulmonary Flow
- ▶ Vascular Imaging
Brachial Graft

Top Diagnostic Performance and Scalability

The X150 system is designed to deliver top diagnostic performance today with the flexibility to grow when clinical applications evolve or patient needs change over time.

2D-mode imaging. Color Doppler exams. Cardiac screening. Decide what is needed – and when.

The ACUSON X150™ ultrasound system delivers an outstanding combination of diagnostic performance, ergonomics and scalability – at an extraordinary value. Compact and ultra-portable, the X150 system is designed to fit clinical needs today and to grow as patient requirements or clinical applications evolve.

The X150 system features:

- **Superior 2D-mode imaging** – The base system includes superior 2D-mode imaging and pulsed wave Doppler functionality providing high-quality audio and visual capabilities for spectral visualization and quantification of blood flow

Options include:

- **Color imaging** – Sensitive color and power Doppler capabilities support precise visualization of direction and velocity of blood flow
- **Cardiac screening** – Cardiac screening option and phased array transducers create a powerful, mobile cardiac screening unit
- **3-Scape real-time 3D imaging** – Fully integrate 3-Scape™ real-time 3D imaging application to easily acquire real-time 3D images during freehand acquisition
- **Additional array port** – Add a third active array port and connect up to three linear, curved and phased array transducers – simultaneously



Designed for Comfort and Ease

With its flat panel display, ergonomic rotating arm and one-touch TGO image optimization technology, the X150 system gives patients and care providers the ultimate in image quality, comfort and convenience.

Smart. Intuitive. Functional in any environment.

Details count in ultrasound imaging and in system design. That is why the X150 system combines an intuitively simple, yet powerful user interface with highly functional ergonomics. Ultra-compact and mobile, the X150 system features a large 15-inch, flat panel display mounted on an innovative articulating arm that provides a wide range of motion. It is possible to optimize the position of the system and its folding monitor in virtually any environment. Configure the transducer and gel holders to fit specific needs and customize exam and reporting steps to match individual workflow preferences.

Optimize image quality at the touch of a button with TGO™ tissue grayscale optimization technology to improve exam consistency while enhancing productivity.


Quickly store, recall and manage data with the DIMAQ-IP integrated workstation. And seamlessly integrate the system into networked environments with a full complement of plug-and-play connectivity solutions.

The entire system has been designed to make scanning more comfortable, exams less time-consuming and data transfer more transparent and automatic.

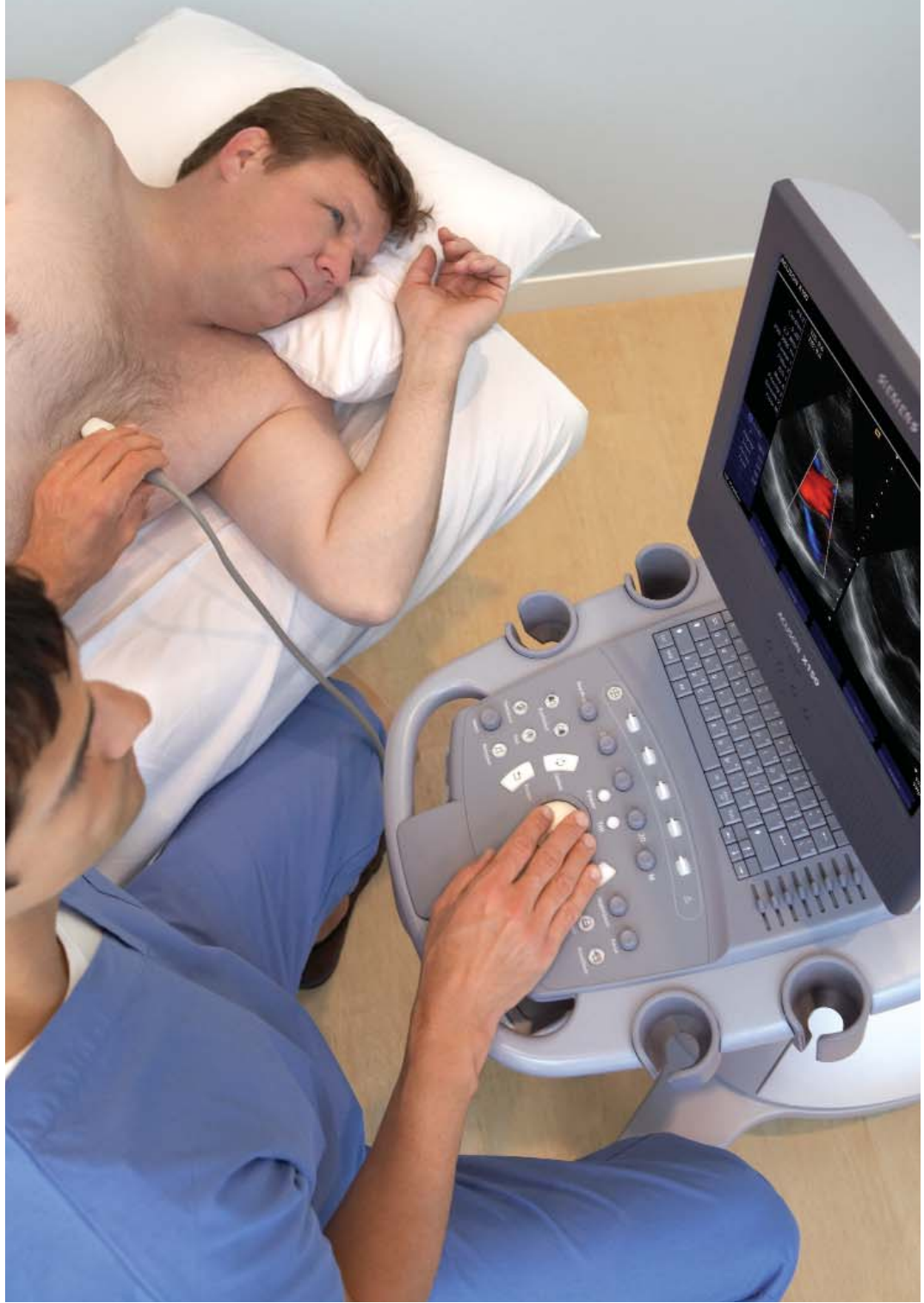


Life Gives You More

Life, our customer care solution, ensures the integrity of your investment and protects against obsolescence with a continuous upgrade path. Our flexible service plans offer a wide range of UPTIME Services, from preventive maintenance and full-service coverage to biomed partnership programs and more. For more information, contact your Siemens ultrasound representative.



We see a way to provide uniform image quality up to a depth of 28 cm in an ultra-portable color Doppler system



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Order No. A91US-67-1C-4A00
Printed in the USA
WS 0507 10.0

Contacts

Europe: +49 9131 84-0
Asia Pacific: +65 6341-0990
Latin America: +1-786-845-0697

USA

Siemens Medical Solutions USA, Inc.
Ultrasound Division
1230 Shorebird Way
P.O. Box 7393
Mountain View, CA 94039-7393 USA
Telephone: +1-888-826-9702

Headquarters

Siemens Medical Solutions USA, Inc.
51 Valley Stream Parkway
Malvern, PA 19355-1406 USA
Telephone: +1-888-826-9702
www.usa.siemens.com/medical