



Sales and Service of Cardiology and Surgical Equipment and Supplies



## SONOLINE G50 Ultrasound System

Defining the value of all-digital ultrasound

Siemens and SONOLINE are registered trademarks and G50, MultiHertz, SuppleFlex, DIMAQ-IP, SieScape, QuickSets, Evolve Package and microCase are trademarks of Siemens. Windows is a registered trademark of Microsoft Corp.

Siemens **Medical**  
Solutions that help

© 2002 Siemens Medical  
Solutions USA, Inc.

A91004-M2430-A616-1-4A00  
WS090215M  
Printed in USA

**SIEMENS**  
medical

The image of

# Value



The SONOLINE G50™ ultrasound system continues the SONOLINE legacy of innovation and value by offering advanced, all-digital ultrasound technology in a customizable solution – a solution designed to meet your individual clinical and economic needs.

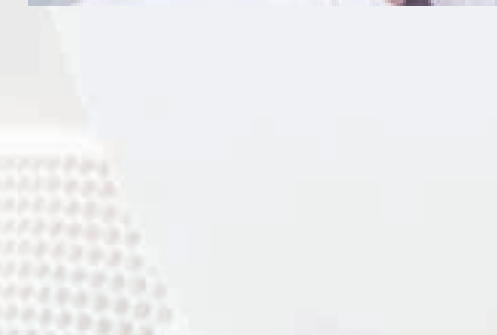
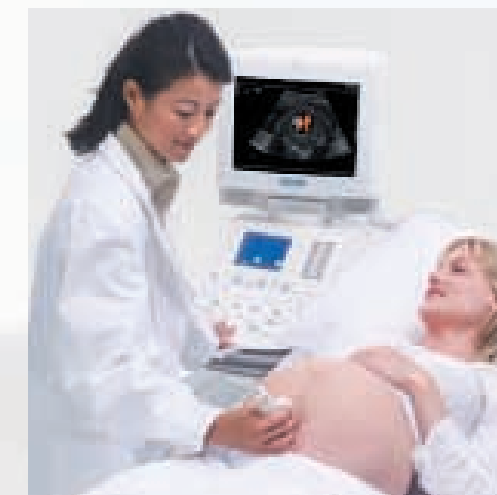
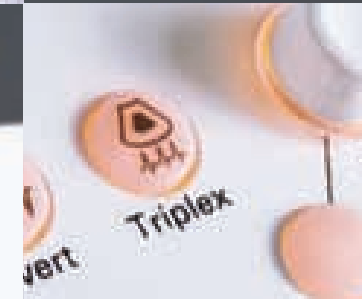
In addition to excellent imaging performance and a high level of standard features, the G50 system is unique in its individual scalability. The system lets you benefit from the migration of innovative Siemens technology. It supports your diagnostic decisions with excellent image quality, superb workflow solutions, and the simple elegance of reliable, intuitive operation across a variety of clinical applications.

## The G50 System. Bringing It All Together.

### A High Level of Standard Features

- New-generation, all-digital technology preserves signal integrity of ultrasound information throughout the entire signal path.
- Tissue Harmonic Imaging is a standard feature to enhance visualization, particularly in difficult-to-image patients, through improved tissue resolution and reduced image noise.
- AutoColor technology allows single-step optimization of color Doppler imaging to help reduce exam time.
- Ultrasensitive, wideband transducers matched with user-selectable MultiHertz™ multiple-frequency imaging improve penetration and resolution for expanded clinical versatility.
- Directional power Doppler combines the sensitivity of power Doppler imaging with directional flow information.
- The open architecture is ready to seamlessly integrate digital archiving, review and transfer of complete ultrasound studies and additional functionality such as cardiac imaging.

*With a range of applications that can be scaled to your individual needs, the all-digital G50 system is the essence of innovation and value.*



Empower your

# Workflow

The inherent simplicity of the SONOLINE G50 ultrasound system lets you put your skills and experience to work where they are needed most – unraveling the complexity of a clinical challenge.

Siemens designed the G50 system with your workflow needs in mind. With exceptional image quality, highly intuitive operating principles and a classically comfortable user interface, it supports confident decision-making in the most efficient way possible.

## The G50 System. It Works the Way You Do.

### Walk Up and Use

- The homebase layout of the control panel, linked to Windows® operating principles, promotes logical, intuitive and comfortable system operation.
- Fully optimized system presets enable better results with less effort.
- SuppleFlex™ cables and microCase™ transducer miniaturization technology are designed to increase user comfort and help reduce operator fatigue.

### More Confidence, More Quickly

- All-digital image processing and advanced transducer technology provide exceptional image quality.
- Tissue Harmonic Imaging with selectable frequencies increases success, particularly with difficult-to-image patients.
- Rapid transition times let users move quickly between modes and functions.
- The system offers easy and rapid access to comprehensive measurement and report packages customizable to individual workflow needs.
- QuickSets™ user-programmable system parameters streamline exams and workflow steps.

### Designed for Flexibility

- The small footprint of the lightweight system allows it to fit easily into any exam area.
- Four-wheel swivel design offers high mobility and easy micropositioning.



*The homebase layout promotes logical, intuitive, and comfortable system operation.*



Decide with

# Confidence

The SONOLINE G50 system provides you with a complete all-digital technology platform that ensures superb ultrasound performance and excellent workflow support on demand. It also offers the power of individuality, allowing you to choose the customized imaging solution that fits your own needs.

Do more. Depending on your requirements, you can add individual features including additional array and sector transducer port options and an echocardiography package.

Get more. The G50 ultrasound system can be customized with additional clinical and workflow functionality migrated from other Siemens ultrasound systems. Productivity tools such as the DIMAQ-IP integrated workstation with embedded DICOM connectivity, stress echo capability and innovative features like SieScape panoramic imaging can all be integrated seamlessly.

## The G50 System. It's the Clinician's Choice.

### Productivity Tools with DIMAQ-IP Integrated Workstation

- Digital acquisition, storage, review and transfer of complete ultrasound studies – including dynamic clips – with no interruption to exam workflow.
- Complete exam data can be instantly recalled on the system with a simple menu selection.
- Digital review and archiving of results with the flexibility to send to multiple destinations, including CD-R, MOD, and DICOM-compatible PACS systems.

### Innovation Integrated

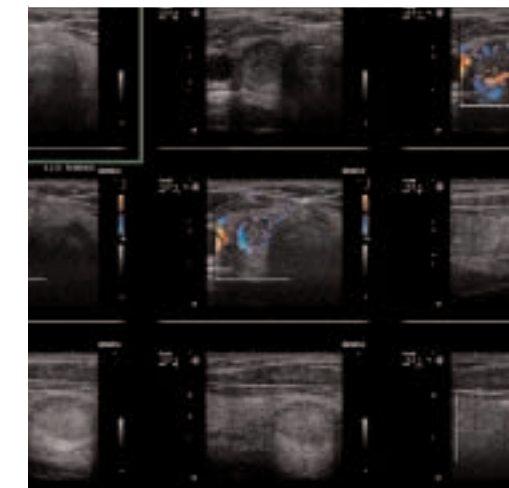
- SieScape panoramic imaging provides expansive, high-resolution, real-time views of anatomy when a larger field of view is needed or side-by-side organ comparisons are desired.
- The open, all-digital system architecture is prepared to accept future innovations.

### Cardiac Imaging Option

- Phased array imaging capabilities including steerable CW Doppler and ECG module add echocardiography functionality.
- Comprehensive cardiac measurements and reports are easily accessible.
- Stress echo exam capabilities can be seamlessly integrated.

### Protect Your Investment

Our flexible Performance Plan coverage tailored to your individual needs encourages maximum system uptime and continual performance enhancements. Extend the life of your system with the SONOLINE Evolve Package, providing ongoing upgrades that keep your system at current operating performance levels over your contract lifetime.



Icons let you activate the most frequently used functions at the touch of a button.

The system provides digital review and archiving of results with the flexibility to send to multiple destinations, including CD-R, MOD, and DICOM-compatible PACS systems.