



ACUSON CV70 Cardiovascular System
Your complete premium performance solution

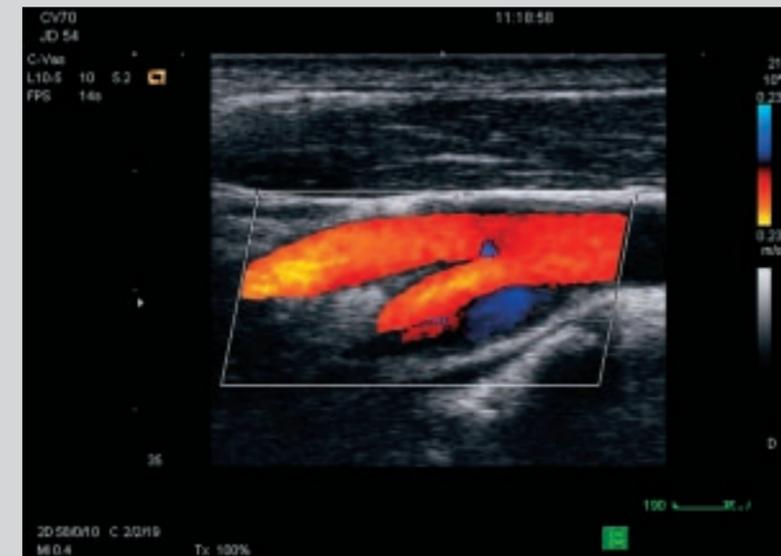
ACUSON

Complete the picture with premium image quality.

Simultaneous aortic regurgitation and diastolic mitral regurgitation in congestive cardiomyopathy.



Carotid bulb and bifurcation demonstrating velocity flow profile and flow separation.



CV70

Meeting your needs with comprehensive capabilities.



Performance



An intuitive, icon-based keyboard and ergonomic user interface promote smooth operation and enhanced workflow.

The new ACUSON CV70™ cardiovascular ultrasound system provides dedicated and complete cardiovascular capabilities in a powerful, all-digital ultrasound system offering exceptional image quality, Doppler sensitivity, color flow sensitivity and spatial resolution – everything you associate with the ACUSON family of cardiovascular products. Designed specifically for busy cardiovascular specialists, the CV70 system includes a comprehensive spectrum of high-quality, high-performance features for full functionality on demand. In echo studies, the CV70 system gives you expanded cardiac calculations; Spectral DTI™ Doppler tissue imaging capability with quantification; a digital stress echo package; and a broad family of transducers for adult, pediatric, fetal echo, trans-esophageal and intraoperative applications. The CV70 system also brings ACUSON performance and quality to vascular applications, for highly sensitive IMT studies in the carotids and in femoral, venous and brachial anatomy.

Bringing the best together.



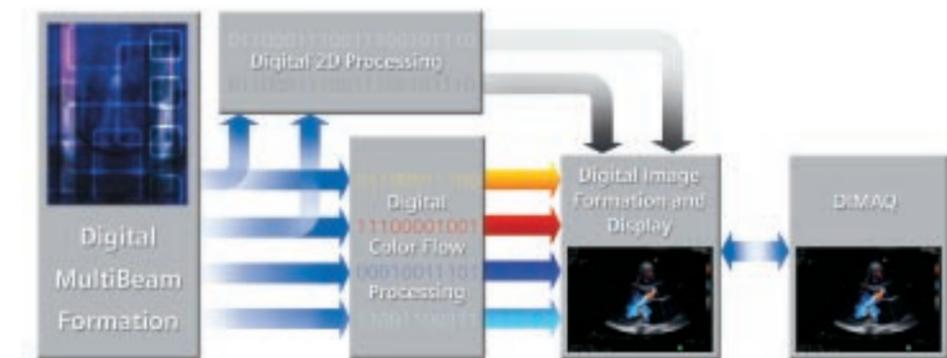
The CV70 system exemplifies the practical clinical advantages of technology and enhanced workflow. Whatever your needs, and wherever you practice, the CV70 system delivers. The CV70 system incorporates a high-performance MP Micro Pinless Transducer Connector that supports exceptional image quality and transducer compatibility across platforms. Stay connected with proven technologies including: MultiHertz™ multiple frequency imaging for improved resolution and penetration. Tissue Harmonic Imaging for difficult-to-image patients. DIMAQ™ integrated ultrasound workstation, allowing digital acquisition, storage and review of complete ultrasound exams. And Axius™ edge-assisted Ejection Fraction, for quicker cardiac studies. The CV70 system also includes a gateway to offline workstations. And DICOM 3.0 connectivity for rapid digital image transfer, including transfer in DICOM format to a CD-RW drive, for convenient, inexpensive archiving. All supported by a user-friendly Windows® –based platform.



Technology



An integrated high-performance MP Micro Pinless Transducer Connector supports exceptional image quality and transducer compatibility across platforms.



All-Digital System Architecture – MultiBeam Formation technology allows for high frame rate imaging, for optimal color flow and motion visualization.

Multiple applications delivering innovative workflow solutions.



Versatility



The CV70 system offers an extensive selection of transducers for virtually every cardiovascular application.



The CV70 system supports an extensive selection of wideband transducers that enable cardiovascular specialists to conduct a diverse array of studies with superb workflow. CV70 system transducer capabilities include stress echo, as well as adult, pediatric and fetal echocardiograms. You can choose carotid and brachial artery transducers that reveal intimal medial detail to help physicians assess endothelial function and arterial health. The CV70 system also offers transesophageal imaging and an intra-operative specialty access transducer for epiaortic imaging. Factory-supplied transducer-specific imaging presets have been carefully optimized for each application to provide consistency, reliability and increased workflow. Every CV70 transducer includes miniaturization technology combined with SuppleFlex™ transducer cables for lightweight, comfortable handling to help reduce operator fatigue.



Two universal transducer ports support phased array and linear array, while an MP port enables V5M transesophageal imaging.

The investment that gives back.



Value

As a dedicated cardiovascular solution, the CV70 system takes the specialist's needs to heart. Including the need for substantial, long-lasting value. And it delivers.

Because of its small and narrow footprint, the CV70 system gives you the mobility to provide a wide range of studies in a wider range of environments. It's versatile, so you can count on diverse cardiac and peripheral applications with a variety of highly sensitive transducers. It's a compatible platform, letting you take advantage of standard-setting technology advances to stay abreast of changing times – without changing systems. The CV70 system protects your investment, with a high-performance MP Micro Pinless Transducer Connector and open architecture that give you seamless compatibility today and easy upgradeability tomorrow. You can optimize the system's potential with confidence. And since it incorporates technology from the ACUSON product line, the proof is in the performance.

The system's excellent ergonomics and small, narrow footprint enable use in a wider range of environments.



A lasting alliance.



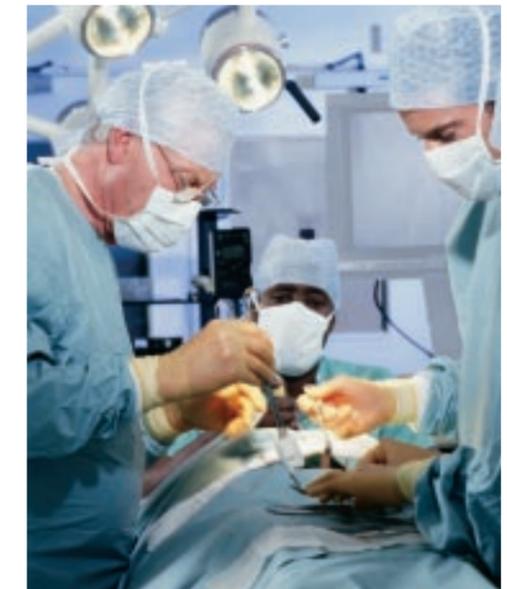
● **Proven Outcomes.** It's the basis of our commitment. We see a way to deliver leadership in dedicated ultrasound technology for the cardiovascular specialist. The CV70 system is just one example of how our commitment takes into account the demanding, real-world environment of your practice. With the CV70 system, we drew on deep technological resources and decades of experience to offer a seamless integration of performance, versatility and value. To put it another way: Our commitment respects the needs of clinicians to maximize their time. The needs of institutions to improve the quality of healthcare while reducing their costs. And the needs of patients to realize the best that life can offer. The ACUSON CV70 cardiovascular system. Your complete premium performance solution.



Commitment



The comprehensive connectivity of the CV70 system promotes excellent workflow.

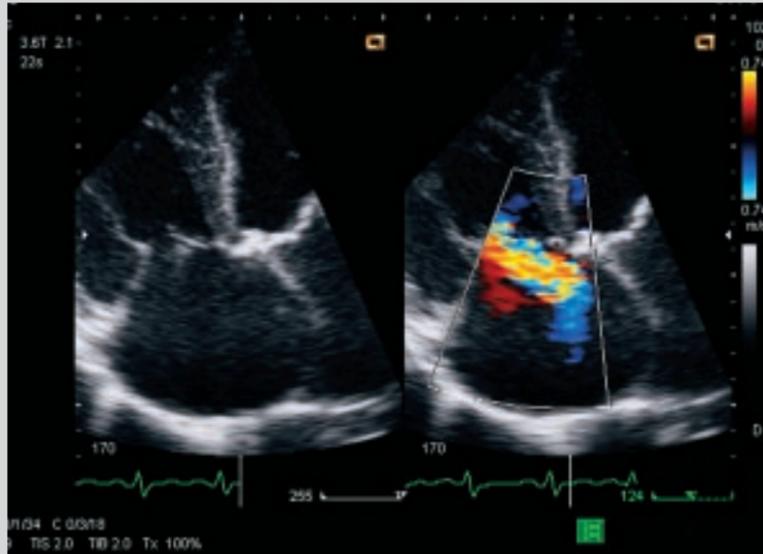


The CV70 system easily moves premium performance directly into the operating room.

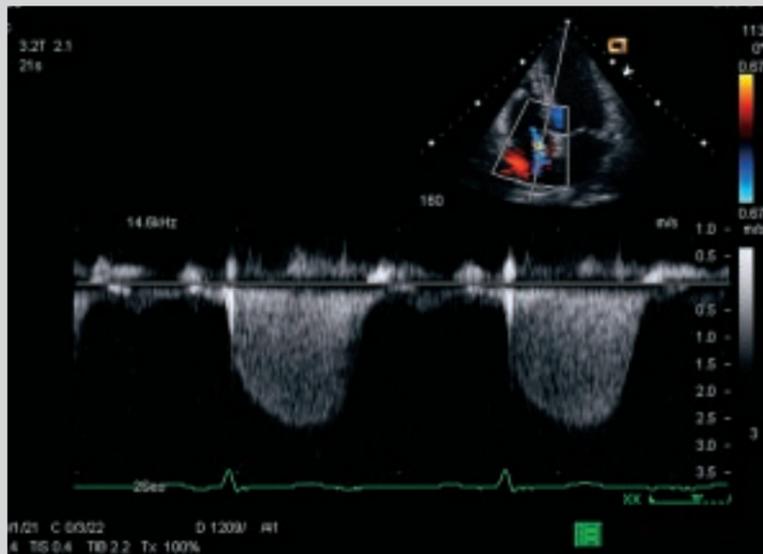
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ACUSON

Tricuspid valve degeneration and regurgitant flow in sub-acute bacterial endocarditis.



Continuous wave Doppler demonstrating tricuspid regurgitation with complete spectral velocity envelope.



CV70

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A91004-M2410-A683-1-4A00
WS 0403 20.0
Printed in USA