



# SIEMENS



Cardiology

## Diagnostic Confidence. Investment Confidence.

ACUSON X700 Ultrasound System

Sometimes, the most valuable ultrasound feature is the one you can't see. With the ACUSON X700™ ultrasound system, we've engineered a system that offers one of the most critical innovations of all: confidence, in both your diagnoses and your investment. With applications such as stress echo, adult transesophageal echo (TEE) and intracardiac echocardiography (ICE), it's built to handle nearly any cardiology environment. Advanced imaging tools such as Dynamic TCE™ tissue contrast enhancement technology and knowledge-based workflow applications like *syngo*® Auto Left Heart (Auto LH) give you diagnostic confidence with advanced quantification you can't afford to be without.



### Innovation Migration

Siemens is an established innovator in ultrasound. With the ACUSON X700 system, we had the luxury of choosing features from some of the most proven, sophisticated imaging systems on the market, and packaging them in a high performance cardiology platform. The ACUSON X700 system was built to be not just a workhorse. With advanced hardware and software migrated from our premium platforms, it's a workhorse with thoroughbred DNA.



### Engineered Efficiency

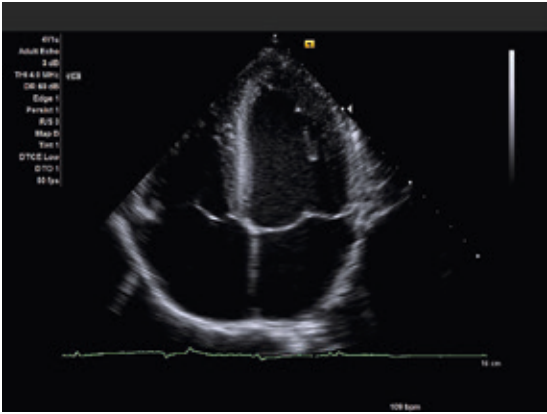
The ACUSON X700 system supports a complete suite of transducers for the most demanding cardiology environments, as well as a full set of quantification tools including Siemens-exclusive, knowledge-based workflow technologies such as *syngo* Auto Left Heart and *Axis*™ edge-assisted ejection fraction. Not only that, but it also provides responsive service, ergonomic design and efficient workflow. That's because we know efficiency, like all critical things, is an innovation that must be engineered.



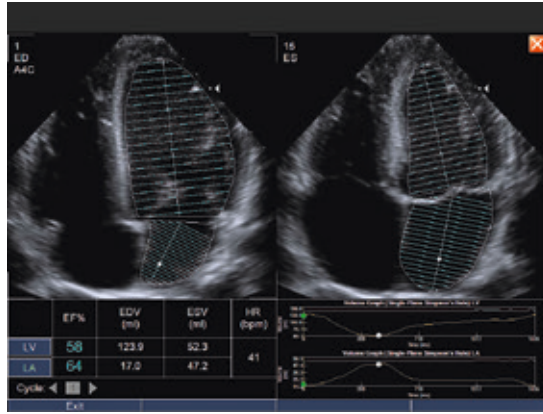
### Freedom to Grow

Some purchases can look economical today, but expensive tomorrow. We understand the importance of protecting your ultrasound investments. That's why we've designed the ACUSON X700 system to be upgradeable, so you're investing in a solution that can help you adapt to changing needs, and changing technology.

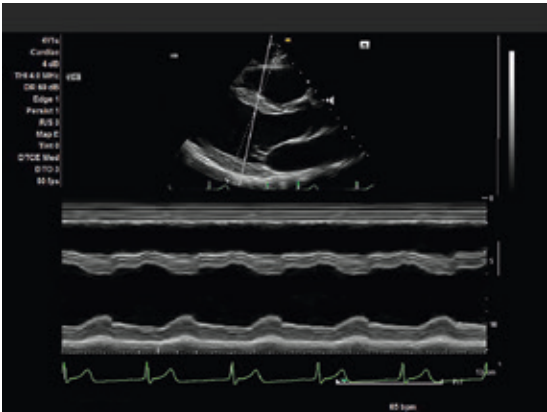
Answers for life.



**Left:**  
4-chamber view with clear delineation of valve detail and myocardium



**Right:**  
Automatic assessment of left heart function with *syngo* Auto Left Heart



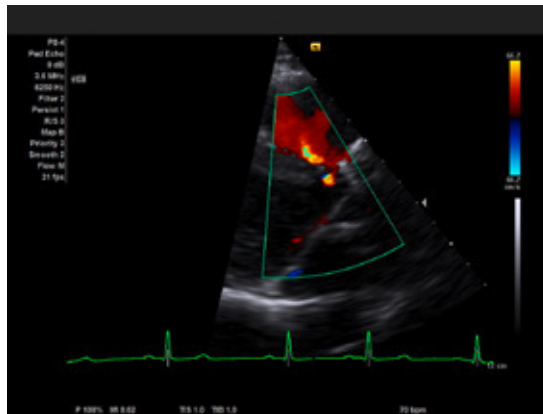
**Left:**  
Off axis alignment with Anatomical M-mode



**Right:**  
Rotation, strain and strain rate calculations of myocardial mechanics with *syngo* Velocity Vector Imaging™ technology



**Left:**  
Superior detail resolution to visualize coronary arteries



**Right:**  
Interventricular septum with color Doppler

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