

ACUSON Bonsai **Routine Cardiovascular Ultrasound Exams for the Physician Office**

With the number and complexity of cardiovascular cases today, the need for a comprehensive, high-quality, mobile cardiovascular ultrasound system is ever growing. The ACUSON Bonsai™ ultrasound system provides everything you need all in one complete package for all your portable everyday cardiovascular exams.



The ACUSON Bonsai system has 14 transthoracic echo (TTE) and transesophageal echo (TEE) transducers to handle your Adult, Pediatric, Fetal, and Vascular needs.



**The essence of power
and portability**

Routine Cardiovascular Ultrasound Exams for the Physician Office

Portable workflow

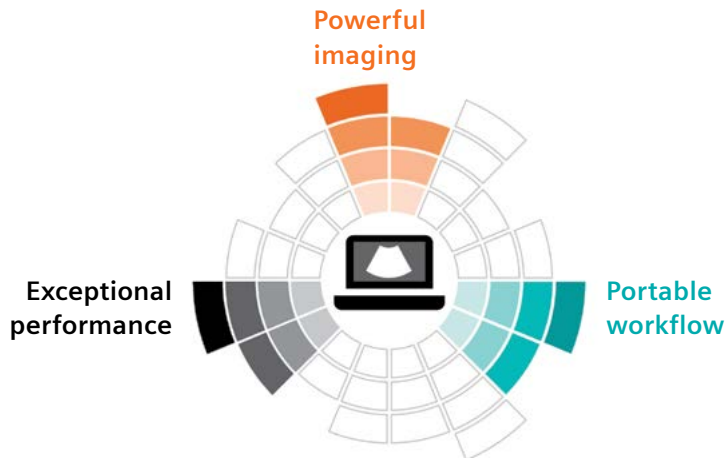
in a light, fast, and durable laptop with raw data, automated protocols, and customization.

Powerful imaging

with a full suite of one-touch image optimization features.

Exceptional performance

with Auto EF, Stress Echo, Strain, Auto IMT, and Anatomical M-Mode.



Portable Workflow

Ultra Portable Design

Lightweight system at 12.8 lbs with a 7 second boot up from standby.

Meaningful Ergonomics

Noiseless system (39dB) with a control panel with a home-base design with 8 user-defined keys and 10-inch adjustable height cart.

Long-Lasting Battery

Lithium-ion battery that has 3.5 hours of working battery.

Durability

Whole-body magnesium-alloy shell with a spill resistant user interface.

Raw Data Advanced Post Processing

Improve clinical workflow and patient throughput with Raw Data advanced post processing.

Automated Protocols with iWorks with Insert™

Facilitate exams with up to 43% reduced exam time and up to 75% fewer keystrokes.

Customized Measurements & Reports

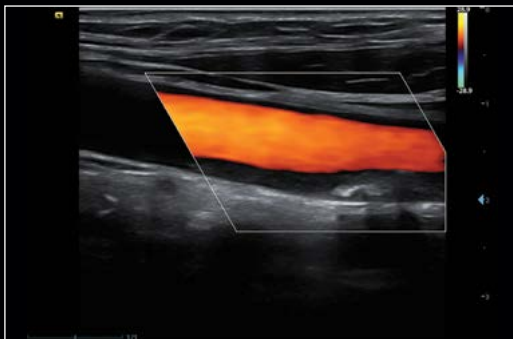
Create your own output options, measurements, and reports with 8 completely customizable keys.



Powerful Imaging



Echo Boost™ (Auto Image Optimization) & HDR Flow (High Dynamic Range Flow)
A4C view using the single crystal SP5-1s transducer with Echo Boost™, iClear™ (Speckle Suppression Imaging) and iTouch™ (Auto Gain Optimization). Echo boost improves the homogeneity of B-Mode and HDR Flow improves detection of high and low flow color.

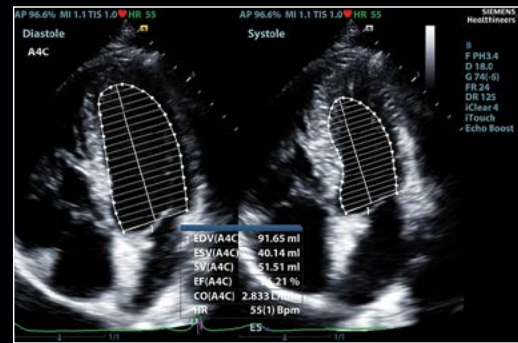


iBeam™ (Spatial Compounding) & HDR Flow (High Dynamic Range Flow)
Color flow of the carotid artery with the appearance of plaque.

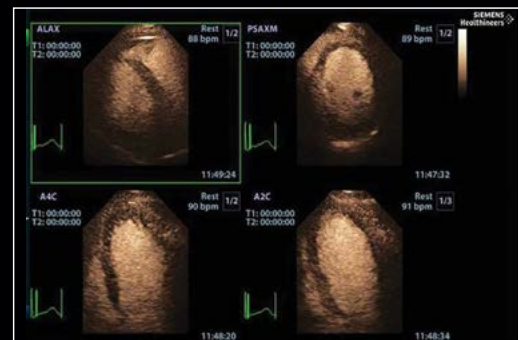


Auto IMT (Automatic Intima-media thickness measurement)
The intima-media of the carotid artery is highlighted using the Auto IMT feature.

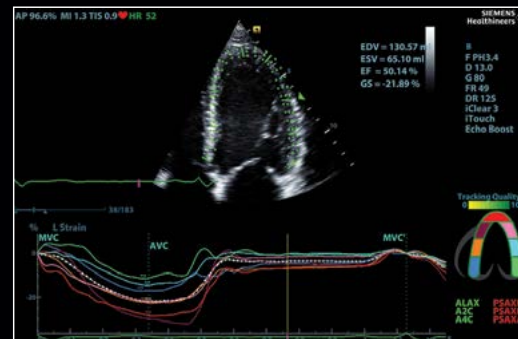
Exceptional Performance



AutoEF (Automatic Ejection Fraction measurement)
Apical four chamber view using the single crystal SP5-1s transducer with results from one-click AutoEF.



Stress Echo with LVO (Left Ventricular Opacification)
Left ventricle using the SP5-1s transducer during a stress echo exam using LVO Contrast Imaging UWN: Ultra-Wideband Non-linear) + Contrast Imaging™¹).



Strain/Strain Rate (Tissue Tracking Quantitative Analysis)
Apical four chamber view quantifying left ventricular longitudinal strain with Tissue Tracking Quantitative Analysis.

At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all enabled by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 170 years of experience and 18,000 patents globally. With more than 48,000 dedicated colleagues in 75 countries, we will continue to innovate and shape the future of healthcare.

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