

Samsung Medison is a global leading medical devices company. Founded in 1985, the company now sells cutting-edge medical devices including diagnostic ultrasound, digital X-ray and blood analyzer, in 110 countries around the world. The company has attracted global attention in the medical field with its R&D capabilities and advanced technologies. In 2011, Samsung Medison became an affiliate company of Samsung Electronics, integrating world's best IT, image processing, semiconductor and communication technologies into medical devices.

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ACCUVIX A30
Leading the New Standards

CT-A30-OB-CWW-0210-EN

Experience Unrivalled Performance



As the pioneer in ultrasound and imaging, Samsung Medison sets global standards in ultrasound systems. We focus on innovations that support more accurate, easier and effortless diagnosis. Our new Accuvix A30 system establishes new benchmarks in operational convenience with features such as the proprietary EZ Exam™ and ElastoScan™. Furthermore, the Accuvix A30 offers world's first 21.5-inch LED monitor enriched 3D performance, increased detection rates, advanced automation, customizable interface and forward-looking ergonomic design.

More Accurate Images

Uncompromising image quality supports clinical decision-making and reduces uncertainty for increased diagnostic confidence.

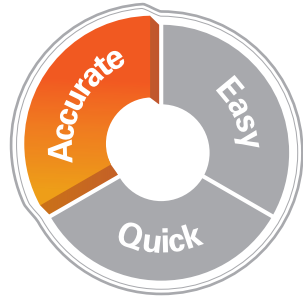
Easier Operation

Extensive automation, intuitive controls and ergonomic design empower users to provide higher-level care.

Quick Access

Newly designed imaging tools and advanced technologies deliver superior image quality while saving your time and effort.

Render Lifelike Reliable Images



Sophisticated image processing technology detailing skin tone and facial features provides outstanding accuracy for sonographers and memorable experiences for moms-to-be. Our recent breakthroughs in life like images are displayed on a world's first full HD LED monitor, with superior color performance and special filtering that removes unwanted speckle and noise. Not only images are rendered with more life like details on optimal fetal display, but processing and storing them is now also noticeably easier.

Hybrid Beamforming Engine

With enhanced H/W and newly added S/W engines, users can process data more accurately through optimized processing. This Hybrid Beamforming Engine enables a more in-depth, more detailed scanning with a higher energy output.

21.5-Inch Full HD LED Monitor

With the release of the world's first 21.5-inch LED ultrasound monitor, the Accuvix A30 introduces high-quality color image representation. The new, wider monitor provides superior performance by adapting both advantages from CRT and LCD monitors: high contrast and great resolution.

DMR plus™

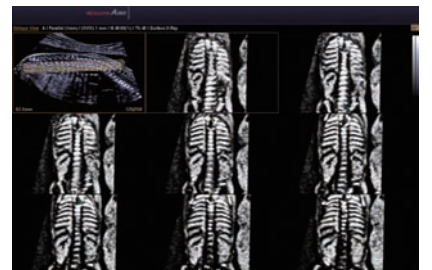
A completely new engine that integrates Samsung software and enhances image quality, DMR plus™ has a noise reduction processor that increases edge enhancement and minimize noises.

HD Volume Imaging™

By utilizing special filtering that removes unwanted noises while simultaneously improving visualization of edges and small structures in volume data, HDVI™ renders clearer and more accurate images.



Fetal brain with DMR plus™

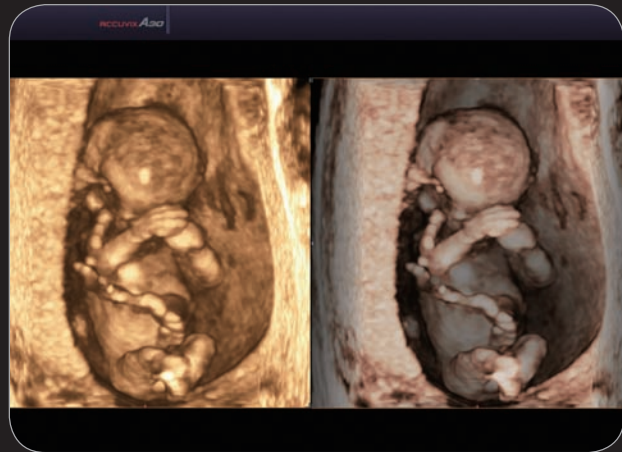


3D fetal spine with HDVI™

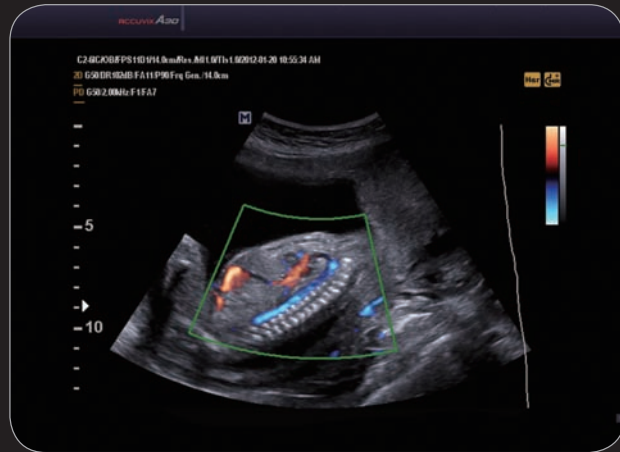


Achieve Enhanced Image

Our state-of-the-art diagnostic systems rely on innovative technologies to enhance ultrasound Image. Thanks to improved and sharper contrast resolution, images are of higher quality and can be more quickly recognized. With advanced imaging construction, the Accuvix A30 improves efficiency in imaging under all possible conditions.



Early Fetus 3D with VSI™



Aortic arch view with DPDI



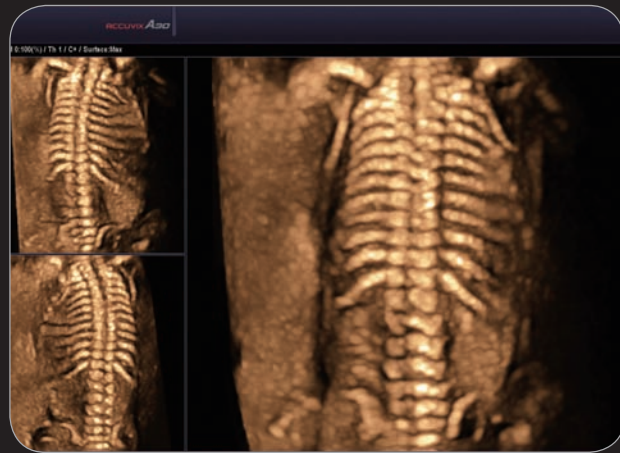
Fetal abdomen dual live image



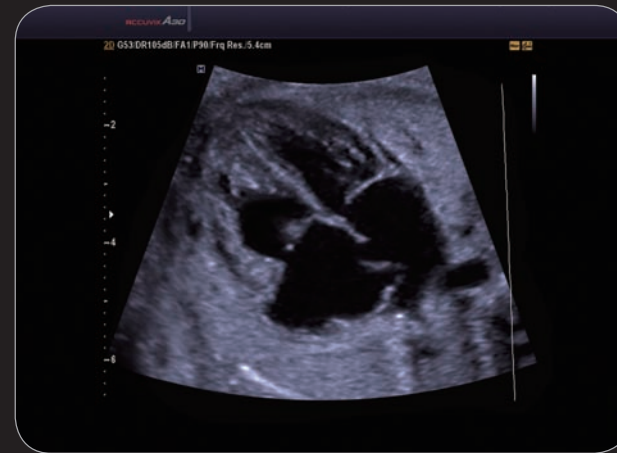
Fetal brain with DMR plus™



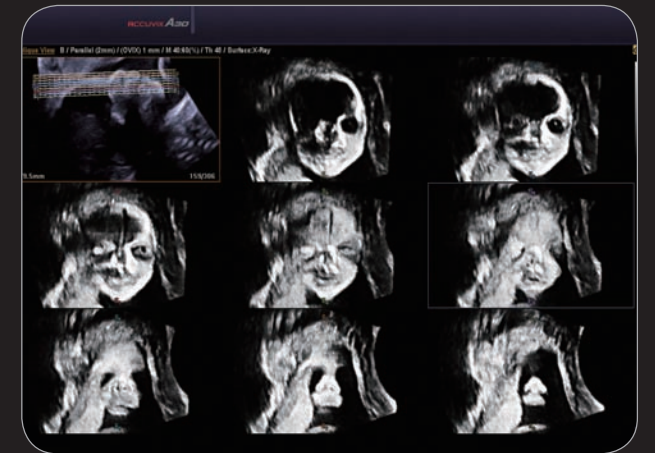
Uterus Adenomyosis



Fetal spine with HDVI™



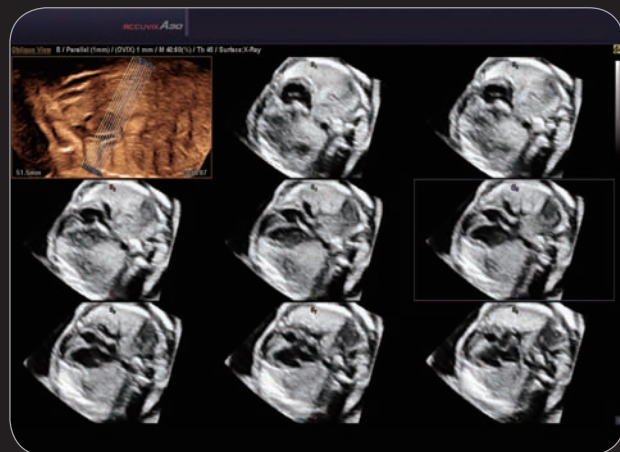
Zoom image of fetal heart 4 chamber



Fetal face with multi OVIX™



Corpus Collosum with MSV OH™



Fetal heart with multi OVIX™



Fetal heart aortic arch



Spina bipida with SFVI™

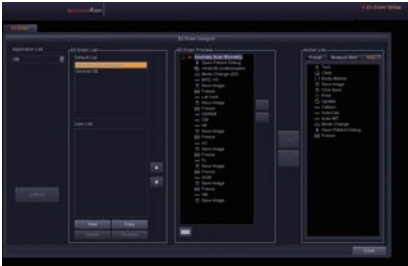
Easier Exams Than Ever



Our user-friendly proprietary technology has been developed to ease tasks and operations. Our unique Volume NT & IT™ improve diagnostic views and allow easy measurements. While EZ Exam™ transforms multiple steps into a streamlined process at the touch of a button. Such advanced automation technology reduces repetitive tasks, and quickly stores volume data, simplifying both review and reassessment of images. We are committed to providing effortless ultrasound imaging for users and patients and continuing R&D for optimizing operation and diagnosis.

EZ Exam™

EZ Exam™ transforms frequently used step-by-step exams into a single, streamlined procedure.



EZ Exam™ Designer menu



EZ Exam™ screen in fetal exam

Volume NT & IT™

User-friendly Volume NT & IT™ allow improved mid-sagittal views and easier measurements. Stored volume data makes reviews and reassessments simpler.

All-New User Interface

Improved options for preset automation and modes make testing easier by reducing multiple tasks. Independent settings for User Preset and Basic Preset also support simple operation.

ElastoScan™

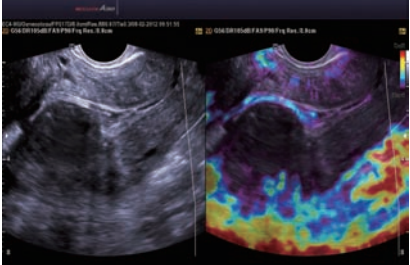
Helping to identify early detection of malignant tumors and various other diseases, ElastoScan™ provides clinical information that conventional studies typically cannot detect.

Cervix ElastoScan™

Highly sensitive, Cervix ElastoScan™ easily reveals changes in the uterine cervix often missed by palpation, enabling more accurate assessment.



New preset menu of probe dialog



Cervix ElastoScan™

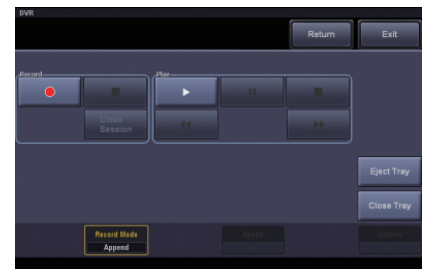
Focused on Time-Saving



Accuvix A30 relies on cutting-edge technology and proprietary features that streamline imaging and procedures in order to save precious time and allow users to become more time-efficient. For instance, real-time DVD recording is a thoughtful functionality that enables simultaneous scanning and recording. The Accuvix A30 also has upgraded color technology and customizable preset ranges, as well as automated imaging parameters that further maximize workflow efficiency.

ADVR™

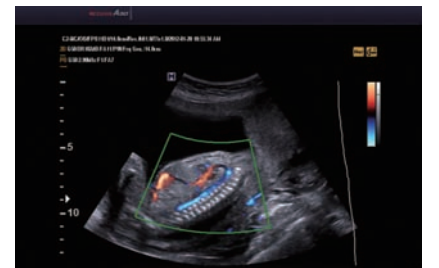
Integrated real-time DVD recording, ADVR™ permits simultaneous scanning and recording, creating an environment that allows users to choose desired recording areas.



Touch-screen menu of ADVR™

Color Opt Flow™

The exclusive color technology supports quick color image representations of blood flow. Upgraded capabilities include changing slow, moderate or fast color speeds. The preset ranges allow for faster evaluation of optimized blood flow images, depending on the application.



Aortic arch view with Color Opt Flow™

Advanced 3D Technology

New 3D imaging tools have resulted in more realistic images, and more accurate scans and diagnoses.

- **Face Auto Detection (FAD™):** With one-touch operation, Face Auto Detection (FAD) removes unwanted volume data that can obscure details of the fetal face.
- **Smart Filter Volume Imaging (SFVI™):** Touch-activated, Smart Filter Volume Imaging™ provides sophisticated tools for optimizing 3D imaging to eliminate unwanted noise, resulting in immediate clarity and more lifelike images.
- **Volume Shade Imaging (VSI™):** Innovative Volume Shade Imaging displays 3D images of skin tones and shading and improves visualization.
- **SmoothCut™:** User-controlled SmoothCut™ erases objects that hide desired 3D images, reducing unnecessary steps in the exam. Erased information is easily recovered by reversing the action.

Employ Ergonomic Design

With mobility and easy access in mind, we made the Accuvix A30 to be easily transported; one of the main features of the system, the central lock allows quick and easy control of mobility. The intuitive control panel can be adjusted easily to user's preference, and the monitor arm can make front-back as well as side-to-side movements. Our advanced ergonomic design lets medical experts focus on patients.



Flexible controls
Panel adjusts side-to-side and up-and-down for user comfort.

Articulated monitor arm

The monitor's controls provide unprecedented flexibility and user comfort, adjusting both up and down and side to side for personalized performance.



Central Locking

Conveniently locked with foot controls.



Optimized Probe Set Configuration

Volume Probes

V2-6	V4-8	V5-9
		
•Application: Abdomen, OB, Gynecology •Center frequency: 3.15MHz •Field of view: 87°	•Application: Abdomen, OB, Gynecology •Center frequency: 4.4MHz •Field of view: 85°	•Application: Gynecology, OB, Urology •Center frequency: 6.5MHz •Field of view: 150°

Linear Probes

L4-7	L5-13IS	L7-16IS
		
•Application: Musculoskeletal, Deep vein, Vascular •Center frequency: 5.15MHz •Field of view: 44.16mm	•Application: Musculoskeletal, Small Parts, Vascular •Center frequency: 8.0MHz •Field of view: 38.4mm	•Application: Musculoskeletal, Small Parts, Vascular •Center frequency: 12.0MHz •Field of view: 38.4mm

CW Pencil Type Probes

CW2.0	CW4.0	CW6.0
		
•Application: Cardiac •Center frequency: 2.0MHz	•Application: Cardiac •Center frequency: 4.0MHz	•Application: Vascular, Cardiac, Pediatric •Center frequency: 6.0MHz

Convex Probes

C2-6IC	C5-8
	
•Application: Abdomen, OB, Gynecology •Center frequency: 4.0MHz •Field of view: 58.12°	•Application: Pediatric, Vascular •Center frequency: 6.5MHz •Field of view: 92°

Endo Cavity Probes

EC4-9IS	VR5-9
	
•Application: Gynecology, OB, Urology •Center frequency: 6.5MHz •Field of view: 148.9°	•Application: Gynecology, OB, Urology •Center frequency: 5.95MHz •Field of view: 150.3°

Phased Array Probes

P2-4BA

•Application: Cardiac, Abdomen, TCD •Center frequency: 2.7MHz •Field of view: 90°