A35 ULTRASOUND
HIGH PERFORMANCE AT ITS BEST
INTRODUCING A35 ULTRASOUND

The A35 delivers high resolution imaging, sensitive color Doppler and an innovative suite of 3D/4D interactive tools. Advanced Hybrid beamforming technology in combination with S-Vue transducers insure optimal image clarity on even the most challenging of patients. Ergonomically, the A35 features a height adjustable console, high resolution LED monitor display and easy to read touch menu for a more comfortable scanning experience.

Hybrid Beamforming Technology

Samsung’s innovative hybrid beamformer technology is comprised of both advanced hardware and software, allowing for intricate digital programming, which better defines the shape of the ultrasound pulse. This provides more precise transmission and reception of the ultrasound signal, resulting in exceptional image clarity.

S-Vue™ Transducer

In addition to the advanced beamforming capabilities, the A35 incorporates the next-generation single-crystal probe technology called S-Vue™ transducers. Employing an innovative crystal design, S-Vue™ transducers provide more efficient piezoelectric properties, resulting in wider bandwidths for increased depth penetration and higher quality resolution on even the most challenging of patients.
The A35 features innovative image processing tools designed to meet your clinical needs.

**23-inch LED Monitor**
The A35 features a 23” full HD LED display, delivering excellent contract resolution, image clarity and vibrant color in any lighting condition.

**DMR+™**
An adaptive multi-filtering technology designed to decrease speckle artifact, enhance border detection and contrast resolution.

**ElastoScan™**
An effective method for assessment and documentation of tissue stiffness. Elastoscan™ may prove an effective adjunct to conventional grayscale imaging, often providing more defined visualization of tumor images.

**Uncompromised Image Quality**

Thyroid colloid cyst with DMR plus™

**FRV™ (Feto Realistic View)**
Displays high resolution 3D anatomy with exceptional detail and realistic depth perception. User-selectable light source direction creates intricate graduated shadows to better define anatomical structures.

**HD Volume Imaging™**
Reduces specular artifacts throughout the volume data set, enhancing border detection and contract resolution in both rendered images and multiplanar display.
Advanced Innovative Solutions

**ADVR™**
Advanced Digital Video Recorder allows for recording live streaming video of the ultrasound screen directly to either the integrated DVD (720 x 480) or USB storage device (in full HD 1920 x 1080).

**Color Opt Flow™**
Color Doppler Optimization technology allows for fast and simple color flow display across a variety of flow states with the push of a button.

**Advanced 3D Technologies**

**Face Auto Detection (FAD)**
Removes unwanted structures located anterior to the 3D fetal face with a single touch of a button.

**Smart Filter Volume Imaging**
Removes noise artifacts from within the 3D data set and enhances clarity of 3D rendered images.

**Volume Shade Imaging**
Enhances aesthetic display of fetal 3D rendered images incorporating subtle variations in skin tone and intricate shadow gradients.

**Smooth Cut**
Simplifies the editing process of 3D rendered images. Slide cursor over unwanted structures to reveal anatomy of interest hidden beneath. Efficient 3D workflow tool.
IMAGE GALLERY

Early Fetus 3D with VSI™

Aortic arch view

Fetal heart with FRV™

Fetal face with multi QVIX™

Uterus Adenomyosis

Fetal spine with HDVI™

Fetal heart aortic arch

Spina bipida with SFVI™

Zoom image of fetal heart 4 chamber

9 weeks fetus with FRV™
COMPREHENSIVE COLLECTION OF TRANSDUCERS

Curved Array Transducers

- **CA1-7A**
  - Application: abdomen, obstetrics, gynecology, contrast

- **CA2-8A**
  - Application: abdomen, obstetrics, gynecology

- **SC1-6**
  - Application: abdomen, obstetrics, gynecology

- **C2-6IC**
  - Application: abdomen, obstetrics, gynecology

- **CF4-9**
  - Application: vascular, pediatric

Linear Array Transducers

- **LA3-16A**
  - Application: small parts, vascular, musculoskeletal

- **LA3-14A**
  - Application: small parts, vascular, musculoskeletal

- **L5-13/50**
  - Application: small parts, vascular, musculoskeletal

- **L4-7**
  - Application: abdomen, obstetrics, gynecology, contrast

- **L5-13IS**
  - Application: small parts, vascular, musculoskeletal

Volume Transducers

- **CV1-8A**
  - Application: abdomen, obstetrics, gynecology

- **V2-6**
  - Application: abdomen, obstetrics, gynecology

- **V4-8**
  - Application: abdomen, obstetrics, gynecology

- **V5-9**
  - Application: obstetrics, gynecology, urology

Endocavity Transducers

- **EC4-9IS**
  - Application: obstetrics, gynecology, urology

- **VR5-9**
  - Application: obstetrics, gynecology, urology

- **EA2-11B**
  - Application: obstetrics, gynecology, urology

- **P2-4BA**
  - Application: abdomen, cardiac, TCD

Phased Array Transducer

- **DP2B**
  - Application: cardiac

- **CW2.0**
  - Application: cardiac

- **CW4.0**
  - Application: cardiac

- **CW6.0**
  - Application: cardiac

CW Transducers