



# ESE-G60

## Color Ultrasound System



IMAGING SYSTEMS



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### Enhanced Diagnostic Confidence

RF ultrasound platform, with adjustable imaging parameters, allow users to obtain outstanding images

- The RF platform ensures zero loss of imaging data and improved fine detail, with enhanced image contrast and edge sharpness
- State-of-the art multi-channel platform provides superior image resolution and penetration
- Advanced RF-based post-processing algorithms guarantee users a high quality image
- Offers a wide variety of features and tools to aid diagnostics
- User-friendly interface and fast workflow offers improved efficiency
- Fully articulated 21.5 inch high resolution flat panel display
- Highly sensitive 13 inch touch panel

### Applications

- |              |              |               |                   |
|--------------|--------------|---------------|-------------------|
| • Abdomen    | • Cardiology | • TCD         | • Pediatrics      |
| • Obstetric  | • Urology    | • Small Parts | • Intra-operative |
| • Gynecology | • Vascular   |               |                   |

***Best-in-class compact,  
multi-purpose ultrasound***



## RF platform

RF platform, the first of its kind, removes the need for the hardware pre-processing and demodulation of traditional ultrasound platforms. The whole signal is used for image-processing, which allows up to 40 times more data to be retained in comparison with conventional ultrasound techniques.

This means that more accurate data is available to the clinician for post-processing and ensures superior image quality in terms of resolution and contrast. The platform also has a wide frequency range which can support probes from 1-25MHz.

## VTissue Tissue signature image

VTissue automatically compensates for variations in the speed of sound between different tissues to enhance imaging throughout the body.

## Excellent 3D/4D Capabilities

The RF platform provides accurate volumetric image-processing alongside world-class convex and endocavity probes. This allows a high quality image for obstetric and gynaecological applications.

## Pure Wave probe technology

Pure wave (single crystal) probe technology increases bandwidth and signal sensitivity in order to provide improved penetration and colour sensitivity for cardiac and abdominal applications.

## Vspeckle - speckle reduction image

Speckle reduction technology utilizes automatic structure detection to eliminate noise artefacts and to provide a more accurate image of tissue.

## High quality 3D/4D volumetric imaging

High quality 3D/4D volumetric imaging can be used to show the flow of a contrast bubble agent through the oviduct to check fallopian tube patency.

## Smart 3D/4D touch-screen operation mode



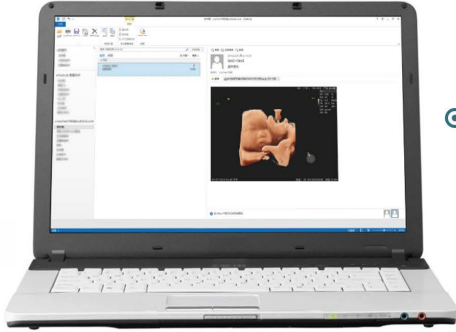




Convenient Transfer Of Images



Thorough Bluetooth, users can transfer images to their mobile devices.



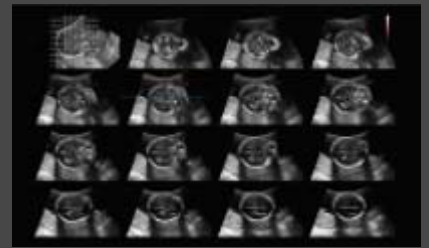
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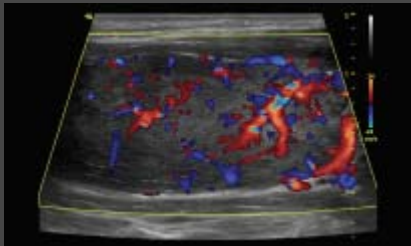
3D bubble contrast image of oviduct



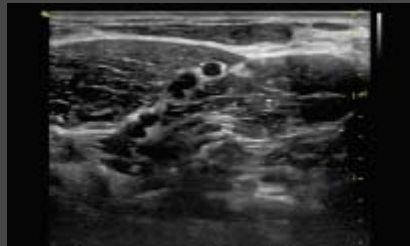
3D/4D fetal hand



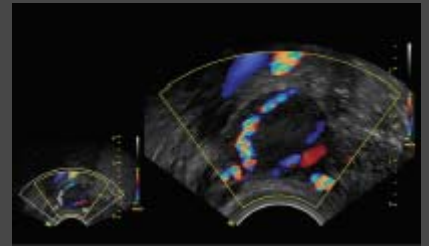
MCUT view of fetal ventricle



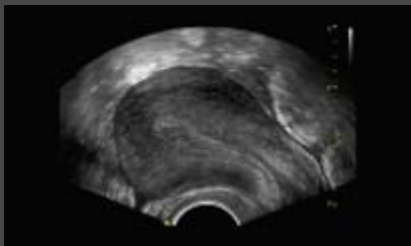
T view of acute thyroiditis



Brachial plexus



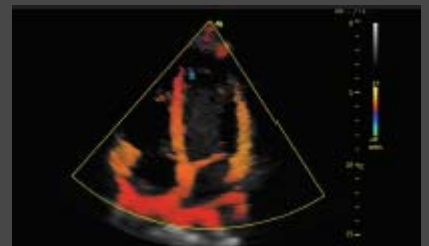
Blood flow in lesion within the uterus



Uterus structure



Fetal heart



Tissue Velocity Imaging



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