



# ESE-6

Portable Color  
Ultrasound Doppler



IMAGING SYSTEMS



# ESE-6

## Portable Color Ultrasound Doppler



ESE-6, the innovative portable color ultrasound system brings to you the advanced technology of our original RF ultrasonic metadata platform, creating a light, intelligent, and powerful tool.

- The unique RF platform results in much better image quality in resolution and contrast.
- Xcen high frequency technology adds more wideband than a normal probe to improve resolution and contrast for better diagnosis.
- Pure Wave Probe Technology improves the penetration and Color sensitivity.
- Perfect 3D/4D technology with STIC, Mcut and Auto NT, fulfill all obstetric application.
- HQ 3D image: provides high definition 3D image quality.
- Smart touch user interface fully utilizes touch panel possibility for easy operation, such as rotation of 3D rendering image and comment.



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



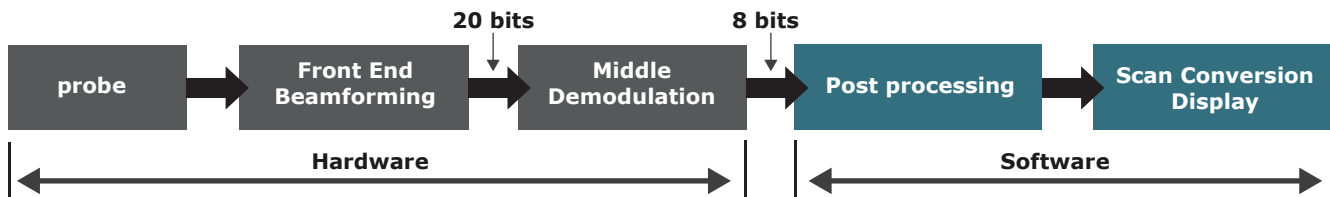


## Unique RF Platform Xcen Probe Technology

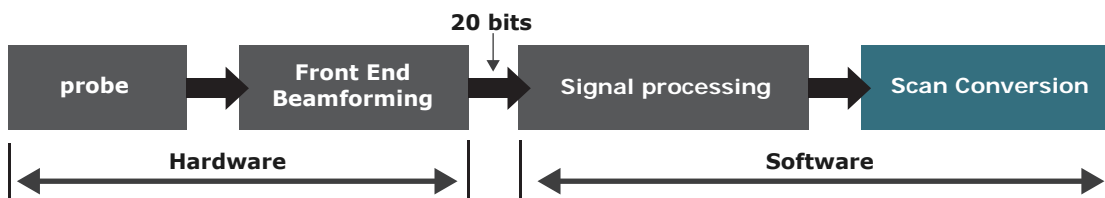
Because of hardware limitations, traditional front-end RF platforms are unable to transmit certain useful information. ESE-6 platform is the first in the fast processing power ensure detailed images and accurate measurements.

The RF platform reads a wider range of signals, resulting in clearer, higher-resolution images. This endows the system with unique capabilities, including fullscreen mode and high-resolution images free of distortion, which aids in diagnosis of small lesions.

### Traditional Ultrasound Platform - Image data processing platform

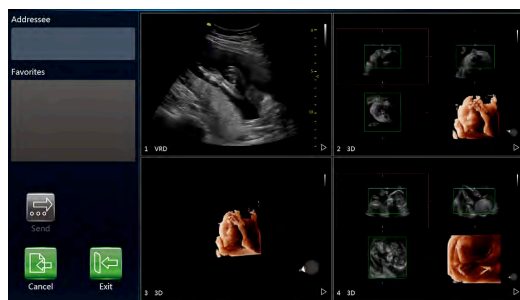
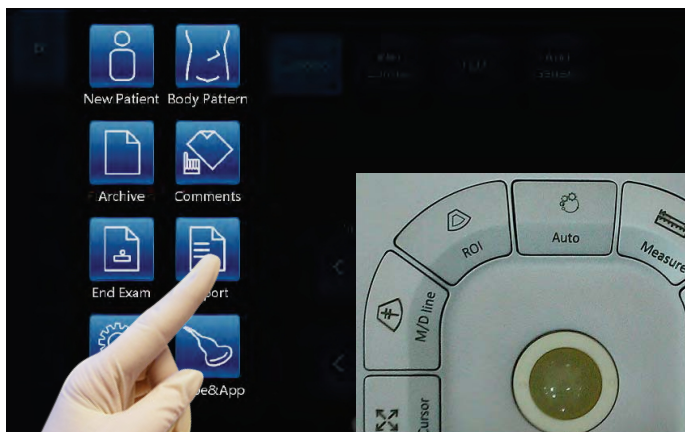
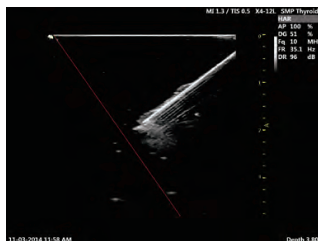


### ESE-6 Innovative RF Ultrasound Platform RF signal data processing platform for better resolution and definition



## Interventional Room/Operating Room

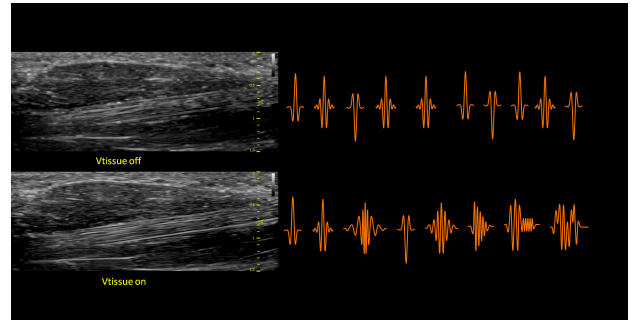
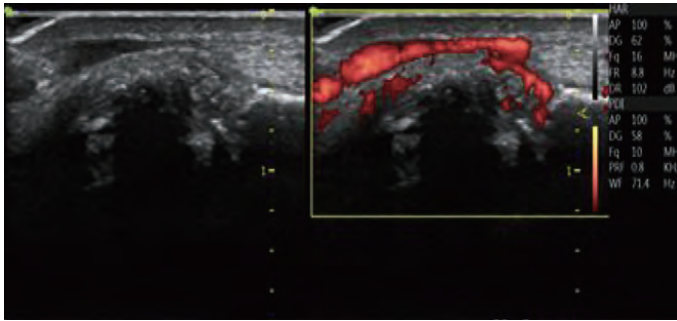
Needle Enhancement Technology, display the needle tips clearly, puncture accurately.  
Super sensitive touch screen can also be operated with medical gloves.  
Full Screen Technology





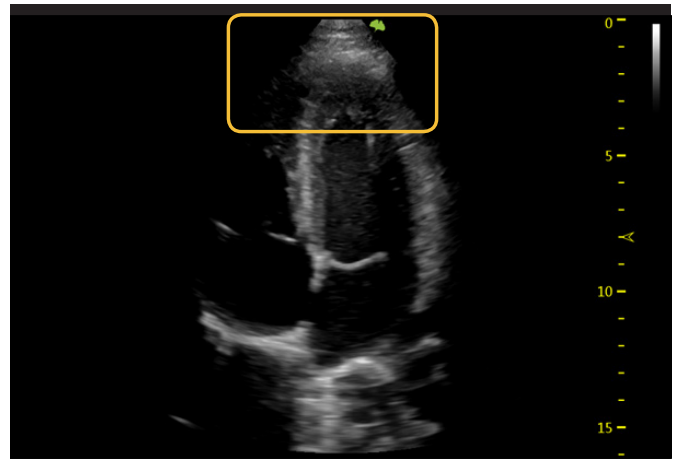
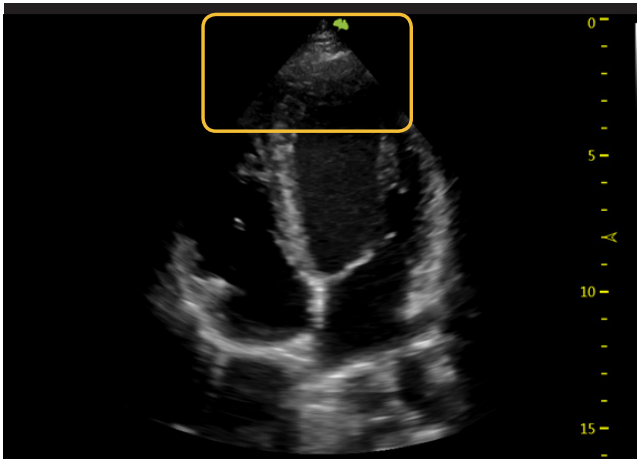
## Musculoskeletal Physiotherapy

Thanks to VTissue technology, up to 23MHz Xcen linear probe and the unique RF platform, ESE-6 provides excellent clinical imaging.



## ICU/CCU

Specific pure wave probe technology provides better penetration and color sensitivity, and TView technology improves resolution of the near field image.



## Emergency / Field / Stadium



Intelligent teaching process provides comprehensive and professional guidance of operation.  
 Convenient transfer function ensures fluent information and supports remote diagnostic solutions at the same time .



ESSE3 srl, Via Garibaldi 30  
 14022 Castelnuovo D.B. (AT)  
 Tel +39 011 99 27 706  
 Fax +39 011 99 27 506  
 e-mail [esse3@chierinet.it](mailto:esse3@chierinet.it)  
 web: [www.esse3-medical.com](http://www.esse3-medical.com)

