



# ESE-20

Ultrasound System



IMAGING SYSTEMS



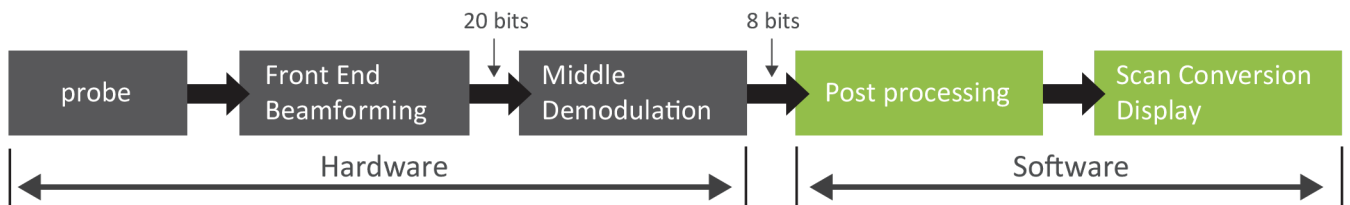
## Description

ESE-20 is fully featured in a slim and compact solution.  
Its utility and mobility fits in almost any clinical application.  
Its unique 3D/4D function delivers complete obstetric solution.

- Innovative platform, State of the art technology
- Super image quality, Smart experience
- Slim and compact design, high efficient connectivity

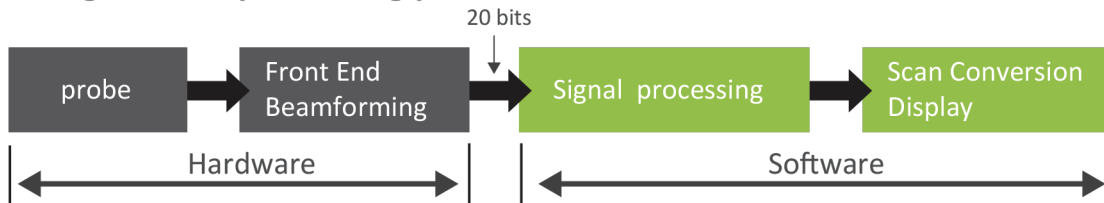
## Innovative Platform, State of the Art Technology

### Traditional Ultrasound Platform — Image data processing platform



### Innovative RF Ultrasound Platform

#### RF signal data processing platform for better resolution and definition



- √ Bigger data to compute for better image quality.
- √ Non-linear demodulation to strong signal.
- √ More accurate and higher step calculation.
- √ Processing algorithm based on signal data, not image data.
- √ Flexible algorithm on data processing.

### VTissue

With RF data, sound speed automatically match with certain tissue in order to be enhanced, such as calculus.

### VFusion

Compounding technology combined together with RF platform, VFusion helps improve the image information, enhance contrast resolution and reduce the noises.

### VSpeckle

Thanks to RF platform, VSpeckle can adaptively enhances contrast and reduces speckle, haze and other artifacts.



## Super image quality, Smart experience

### Leading 3D/4D Technology

- MCut
- Magic Cut
- Free View
- Auto NT
- Smart touch panel 3D/4D operation

### Professional Cardiac Package

- MAM (multi angle M mode)
- TD (tissue doppler)
- TVI (tissue velocity imaging)
- Color M mode
- CWD
- Complete cardiac measurement package



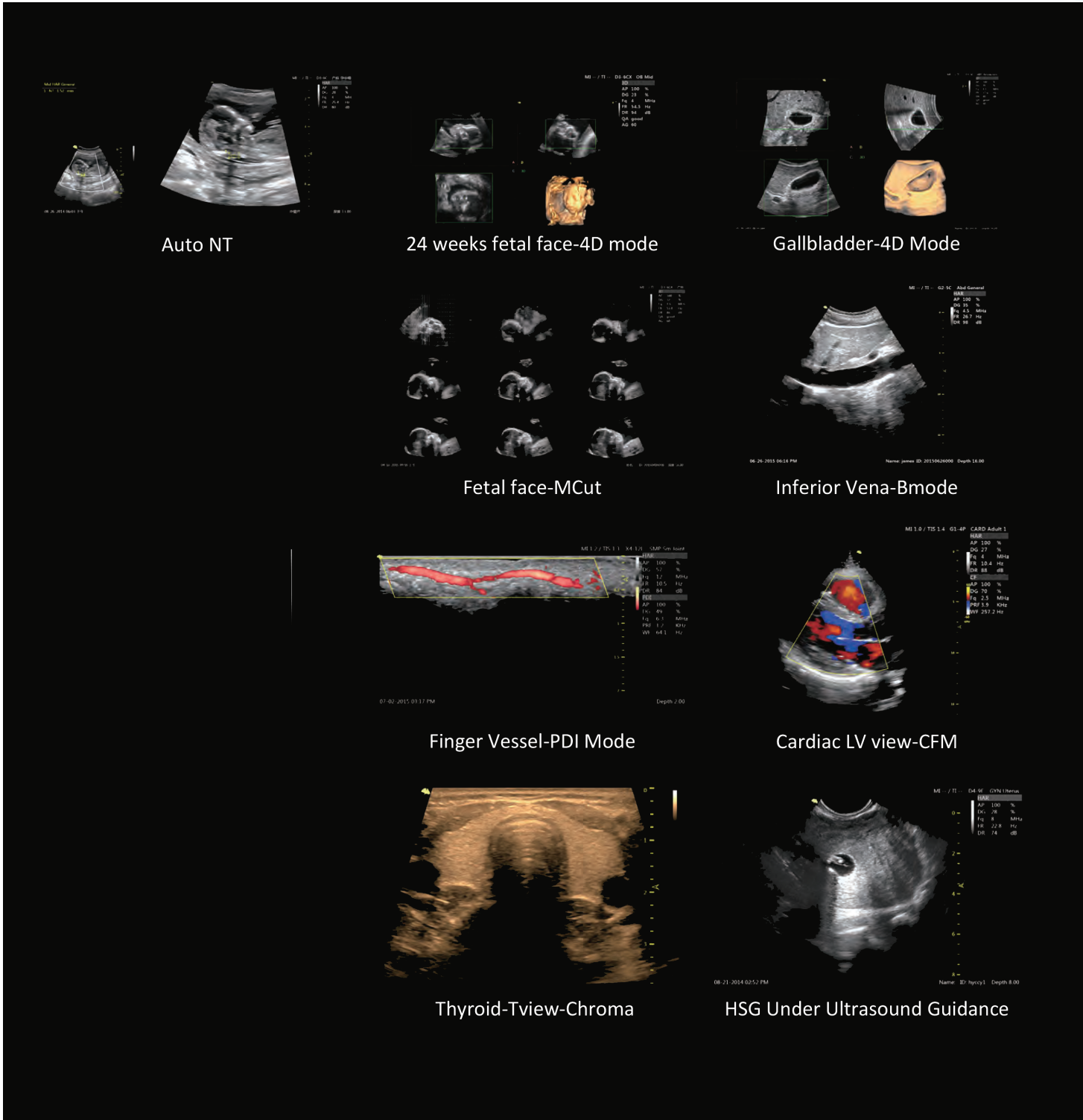
## Slim and Compact Design, High Efficient Connectivity

- Super image quality , Smart experience
- Swiveling and height adjustable operation panel
- Articulating display with 19 inch LED screen
- Pinless flat probe connection
- Front USB ports position
- Fast Connectivity: bluetooth/ WIFI/ LAN/ DICOM3.0





# High Image Quality



Auto NT

24 weeks fetal face-4D mode

Gallbladder-4D Mode

Fetal face-MCut

Inferior Vena-Bmode

Finger Vessel-PDI Mode

Cardiac LV view-CFM

Thyroid-Tview-Chroma

HSG Under Ultrasound Guidance



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