ES-S300

Ultrasound System

Powered by the advanced VLucid+ platform, the all-new **ES-S300** provides efficient and precise imaging with an intuitive interface, designed to meet the diverse demandes of modern clinical practice, providing compact solution for efficient, everyday Imaging

Outstanding Imaging Clarity
Broad Application Flexibility
Streamlined Workflow Efficiency
User-friendly Design
Battery Support

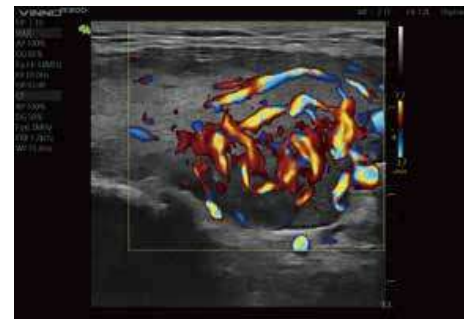## General Imaging Solutions:

VAid Thyroid
Intelligent Evaluation and Staging of Thyroid Diseases Thyroid nodule are detected in real-time or on stored images, together with TI-RADS categorization and reporting tool, making clinical routine of thyroid ultrasound more accurate and productive

VFlow
A directional technology, help to detect low velocity blood flow.it enables accurate diagnosis when the blood flow examination is especially difficult

VLuminous Flow
An innovative technology which enhances blood flow visualization by displaying ^{3}D impression of Color/Power flow imaging.
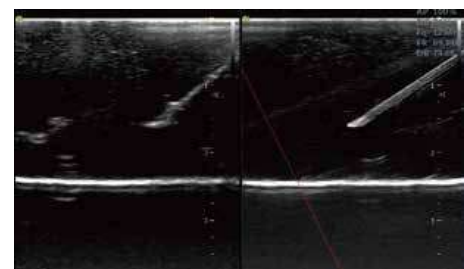
Elastic Imaging
A semi-quantitative tool measures the relative stiffness between lesion and reference, to help detect early signs of some forms of cancer, monitor patients with liver conditions and locate the targets for biopsies
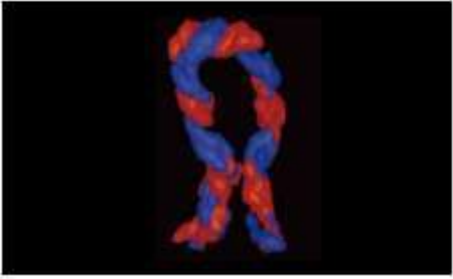
Needle Enhancement
Allow a straightforward needle approach with enhanced needle visualization to target and improve accuracy for needle procedures.

Light Lab

A new 3D rendering technology that allows user to customise the positionand direction of the virtual light sources,whichdisplays the internal structuredetails more clearly and enhances the three dimensional perception
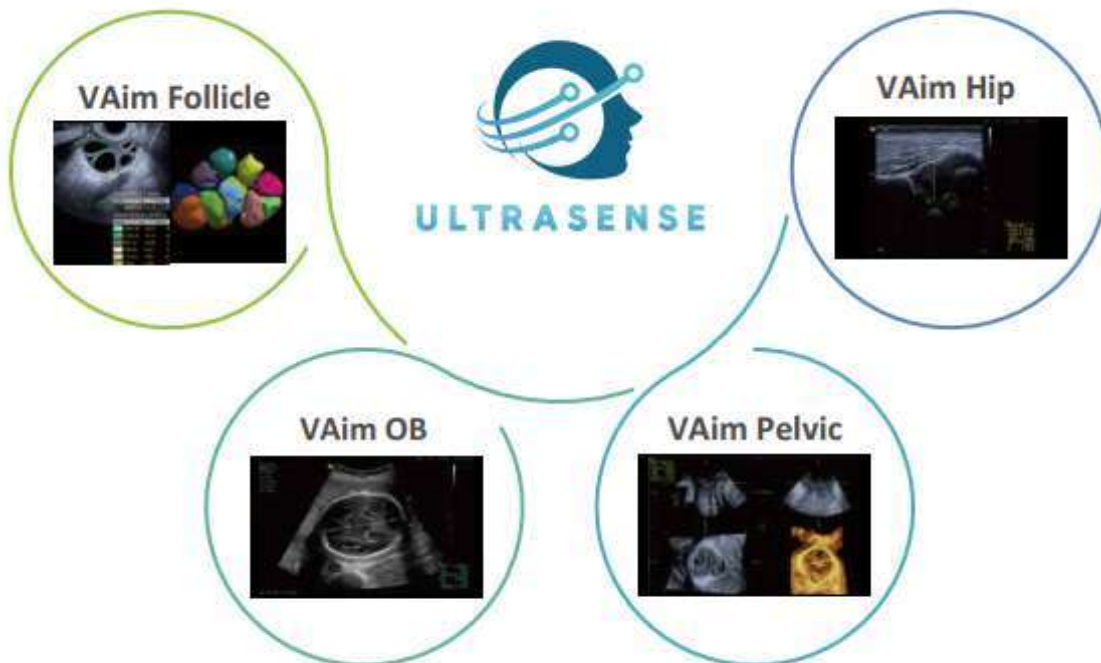
Color 3D

Color3D applies advanced acquisition and rendering technology to provide improved visualization and structure expression helps users better understand natural hemodynamics of vascular networks, like umbilical cord and fetal heart
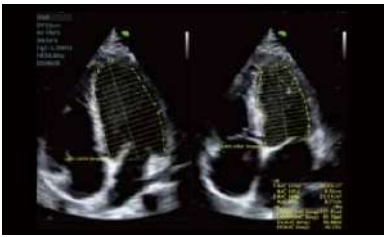
VAid Breast

Intelligent Evaluation and Staging of Breast Diseases
Automatic breast screening and lesion detection in real-time or
stored images, along with the smart BI-RADS analysis, effectively
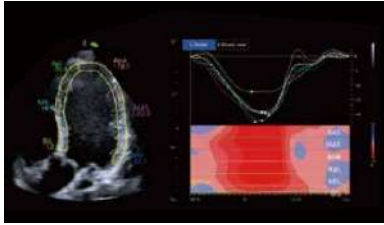improves quality control

VAim Follicle

ULTRASENSE

VAim Hip

VAim OB

VAim Pelvic

Cardiovascular Solutions:

Auto EF
One-click to calculate the Ejection Fraction (EF)

Strain Imaging
Apical 4 Chamber view showing segmental and global longitudinal strain of left ventricle.
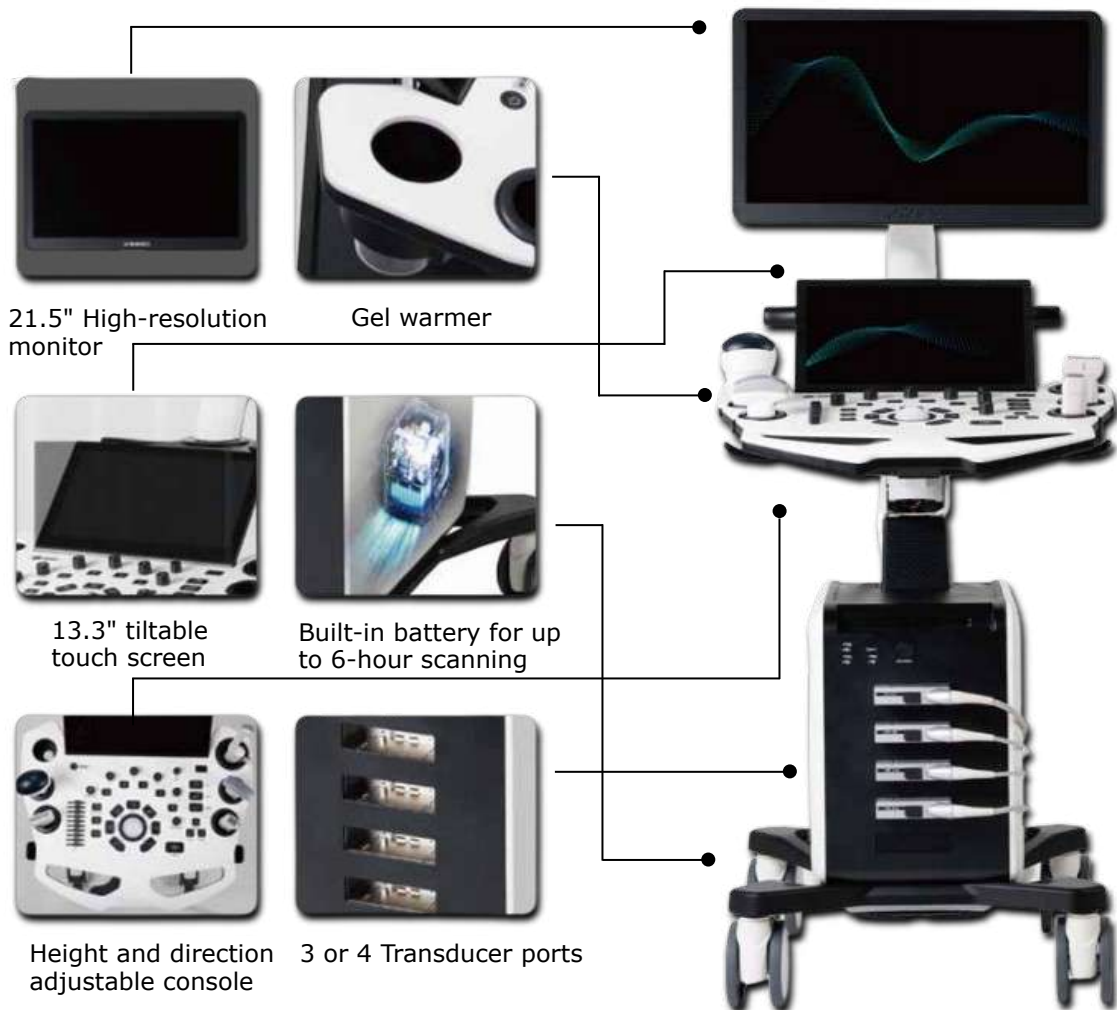

Live IMT
Real time and auto measurement of both anterior and posterior wall.

VCQ
Designed for primary and clinical doctors, the adult cardiac quantitative analysis tool helps to quickly assess 2D cardiac measurements.

21.5" High-resolution monitor

Gel warmer

13.3" tiltable touch screen

Built-in battery for up to 6-hour scanning

Height and direction adjustable console
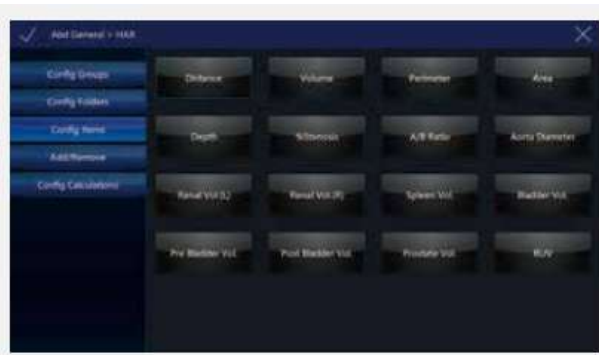
3 or 4 Transducer ports
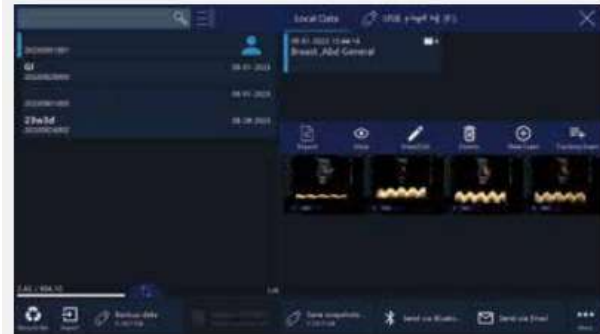
Streamlined Workflow Efficiency:

Smart touch panel operation and self-defined exam protocol makes your daily work high efficient.

Self-defined preset

Self-defined measurement items

Fast review by sliding on touch screen
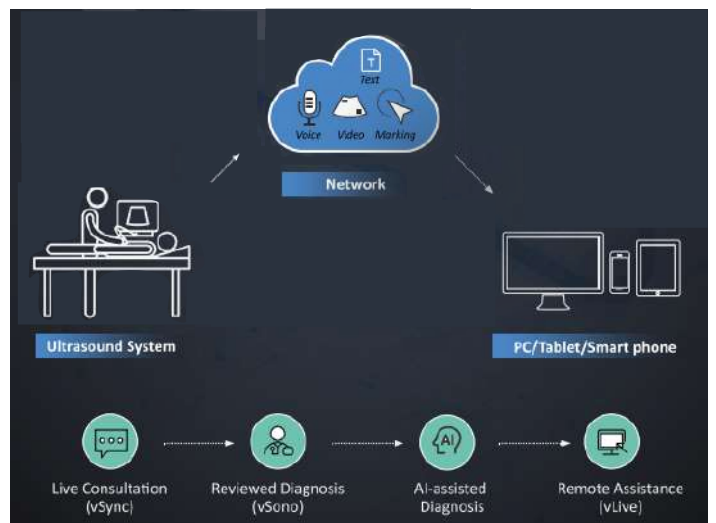

Built-in report template

Tutorials:

In-built with one of the most extensive tutorial module, with up to 68 anatomical parts, including shoulder, elbow, wrist and knee. With vivid scanning animation and real-time scanning plane, supplemented by basic clinical knowledge, the tutorials greatly increase the confidence in the initial learning process.

Connect anytime, from anywhere, at any terminal

In-built with one of the most extensive tutorial module, with up to 68 anatomical parts, including shoulder, elbow, wrist and knee. With vivid scanning animation and real-time scanning plane, supplemented by basic clinical knowledge, the tutorials greatly increase the confidence in the initial learning process.

IMAGING SYSTEMS

Supported Transducers Family

XCen technology with wider bandwidth for optimum scanning solution
PureWave Single Crystal transducer offers better penetration and
higher resolution

F2-5C

F4-9E

F4-12L

D2-6C

G3-9M

G1-4P

G3-10P

S1-6PS