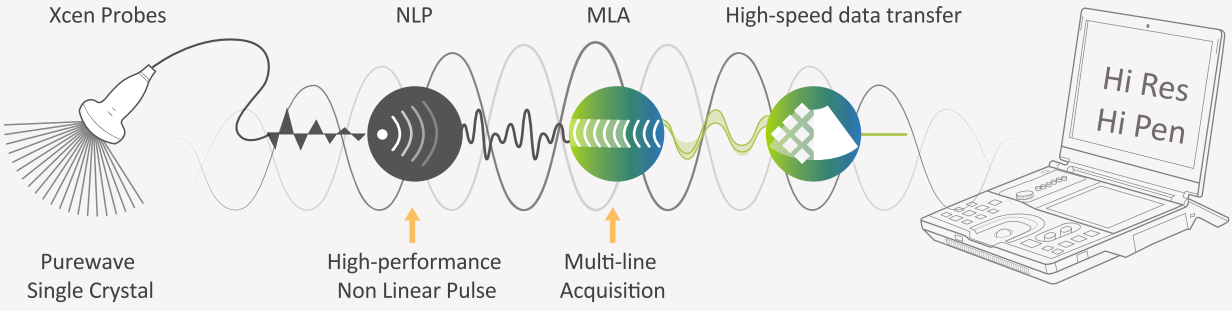
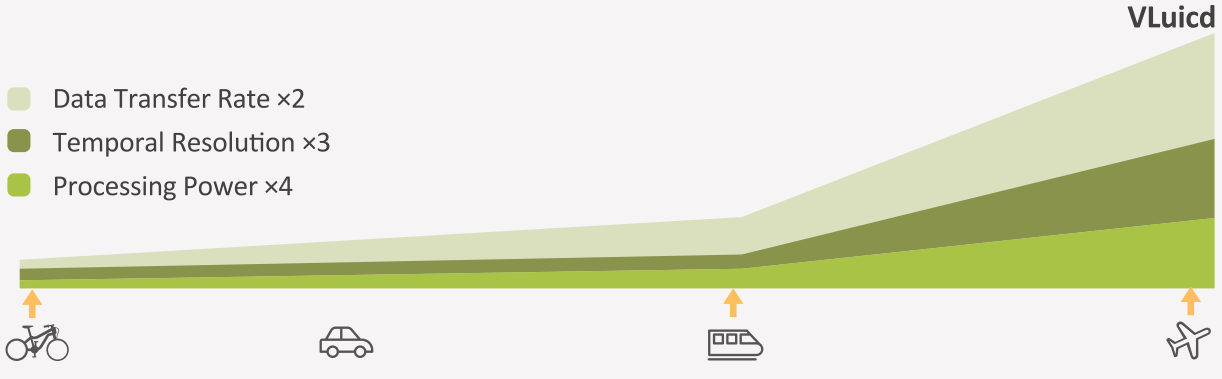
# VINNO D10

Premium Compact Ultrasound Wherever You Need It


VINNO

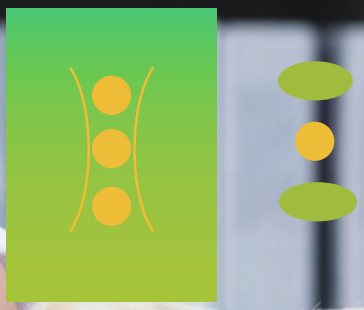

Xcen Probes
NLP
MLA
High-speed data transfer
Hi Res
Hi Pen
Purewave
Single Crystal
High-performance
Non Linear Pulse
Multi-line
Acquisition


VLuicd
Data Transfer Rate ×2
Temporal Resolution ×3
Processing Power ×4

# Advanced Imaging Technologies

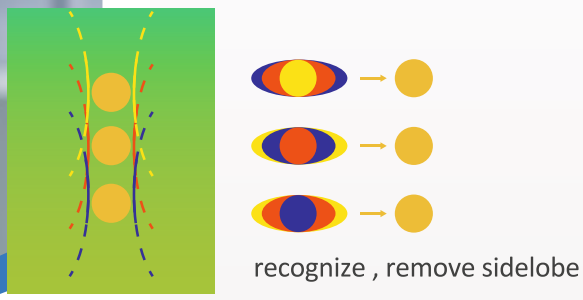
## Zone Imaging

Zone Imaging technology acquires better image resolution and energy distribution in entire zone area through apodizing transmission in multiple frequency and instantaneous phase superposition



**Partially Focusing**
(Traditional)

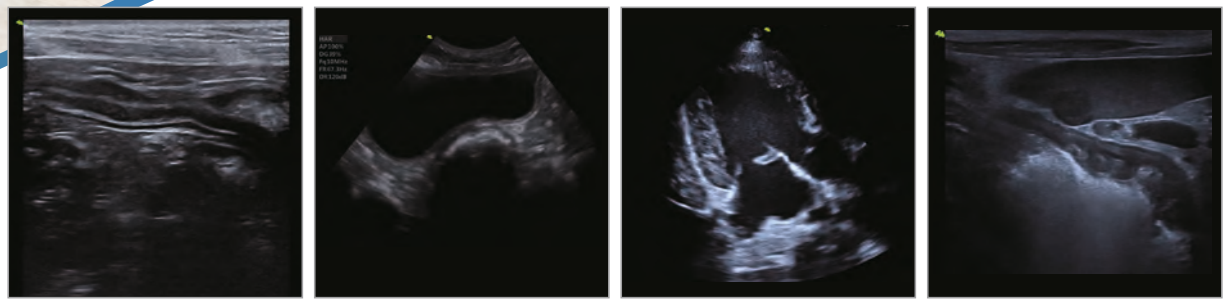
The energy distributes in dead focus area and attenuates in far field



**Focusing In Entire Zone**
(Zone Imaging)

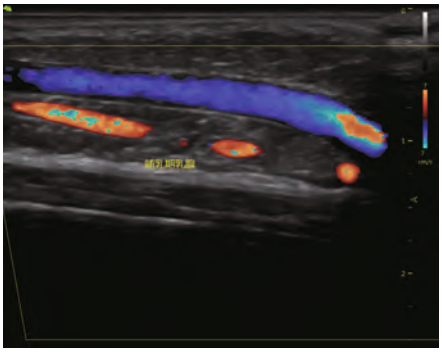
Smart beam shape control and uniform energy distribution in entire zone area

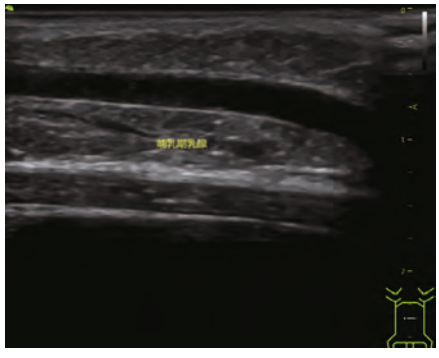
recognize , remove sidelobe



# 2nd Xcent Wideband Probe Technology

Supports high-frequency probes,making it possible to research the superficial disease with its high resolution and sensitivity





# Supported Probes

X4-12L

X6-16L

G3-10PX

G4-12PX

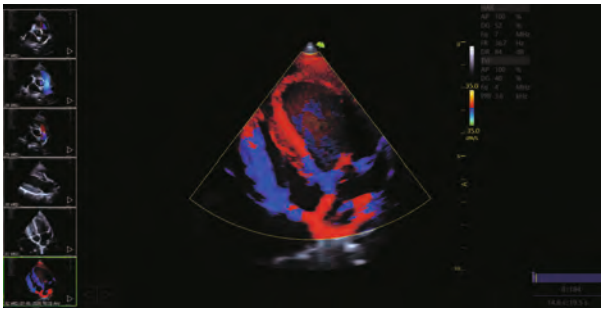
G3-9M

G4-9M

## Premium Cardiovascular solutions

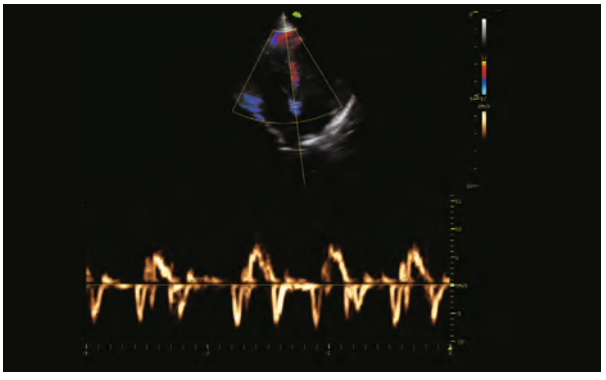
### TVI

Tissue velocity imaging help myocardial velocities evaluation and quantitative analysis of the cardiac function



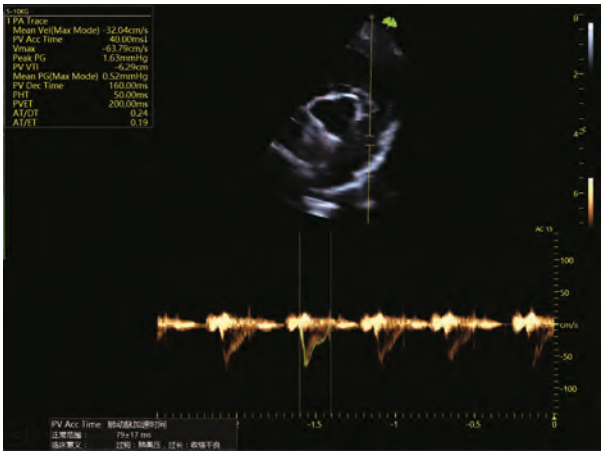
### TDI

It allows for measurements of tissue movement, this tool is ideal to assess diastolic function of the left ventricle



### VCQ

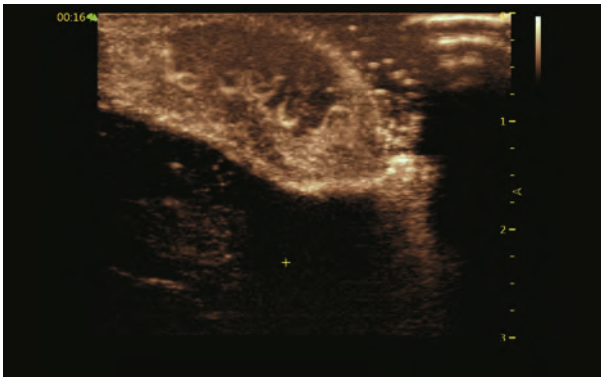
VINNO Cardiac Quantification helps physicians to assess the magnitude of parameters related to cardiac measurements in relation to normal values



## Advanced Features

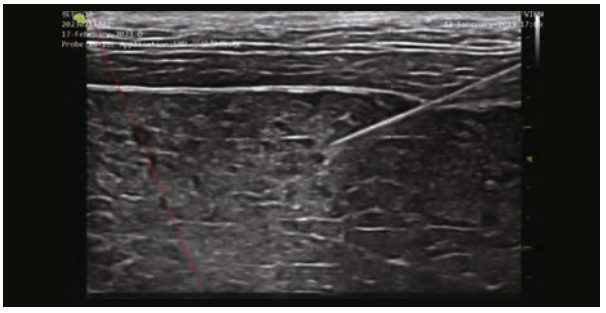
### Contrast Bubble imaging

It is good for organ edge delineation ,monitoring blood perfusion in organs and recognition of lesion characterization



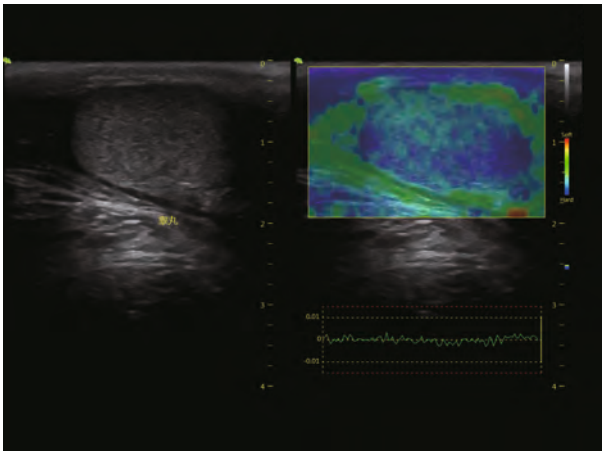
### Needle Enhancement

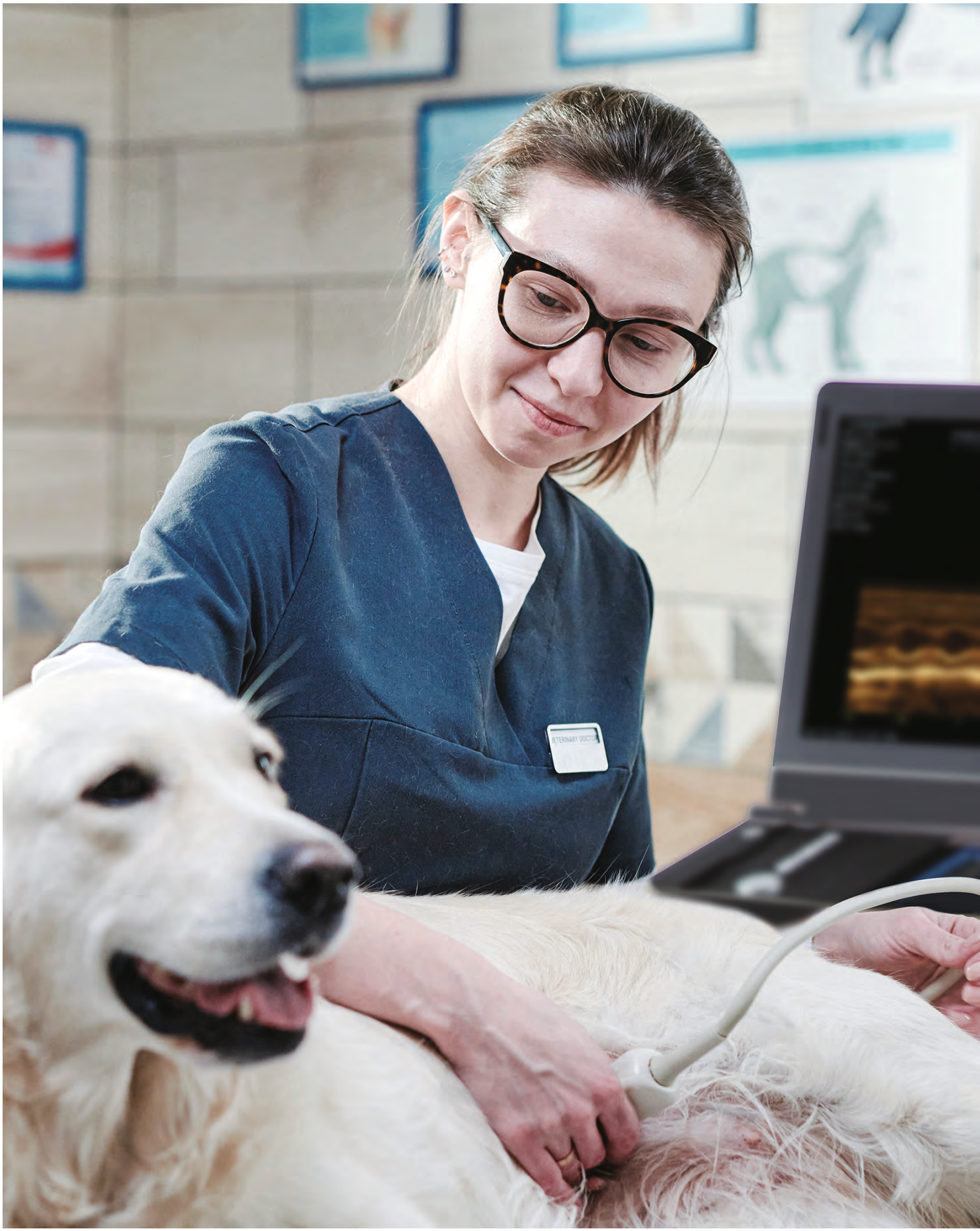
It is a nice tool to visualize the needle tip in radiology intervertional application



### Elastic imaging

It assesses the deformation of tissue when pressurized by an external force. By comparing the degree of deformation of different tissues within the imaging area, images can be generated that reflect the relative stiffness of the tissue.

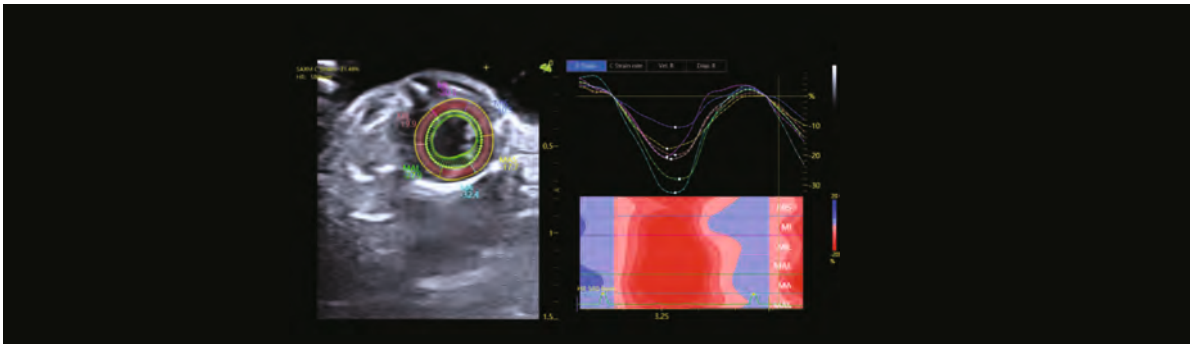




# Cutting-edge AI technolog

## VVI

Added VVI function, Users can set the display density before doing spot tracking.



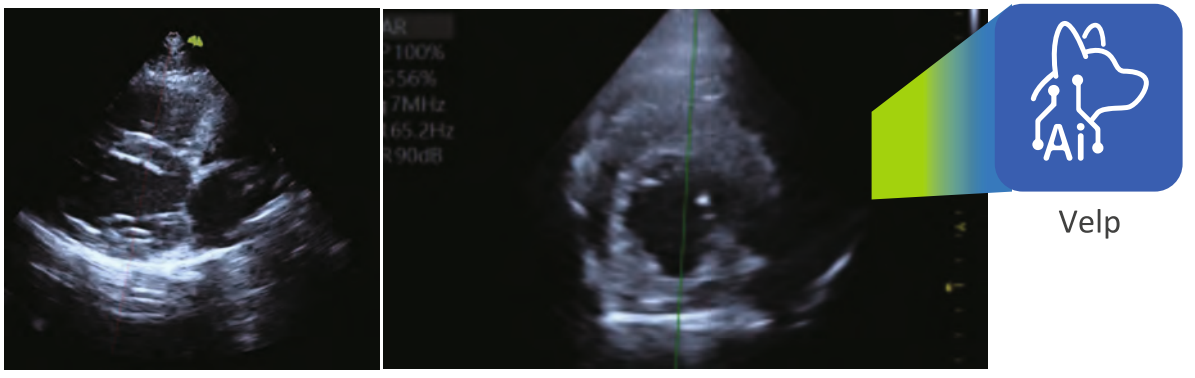
## Scan Guide

After entering the scanning guidance interface, the system has a built-in cardiac scanning guidance process. The flow can help junior physicians to scan slices according to the appropriate process. When the user clicks next, the VRD image data of the current scan will be automatically saved.



## Velp

The user first selects a cutaway to scan, and then the AI algorithm examines each frame of the image.
If the correct cutaway is not scanned, a red dashed line is displayed.
When the user scans the correct cutaway, a green dashed line is displayed on the image



# Innovative Design

VINNO D10

- Powered by advanced VLucid technology
- Excellent mobility to scan anywhere
- Premier imaging performance
- Dedicated and professional solutions
- Intuitive interface

# Ergonomics

Built-in camera & microphone for remote solution

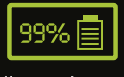
2 USB + 1 Type-C port


15.6’’ monitor

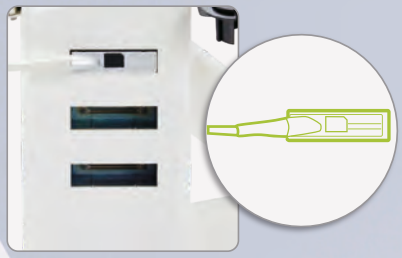

8’’ touch screen

External multi-functional holder

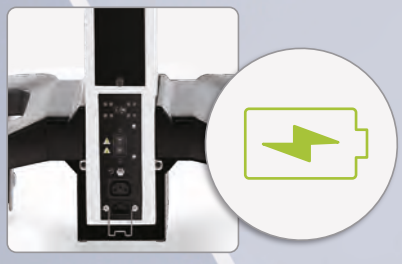
Built-in ECG port




“Touch-and-view” external battery status display (when powered off)



**Up to 3-probe Extension (optional)**



**Battery Indicator**

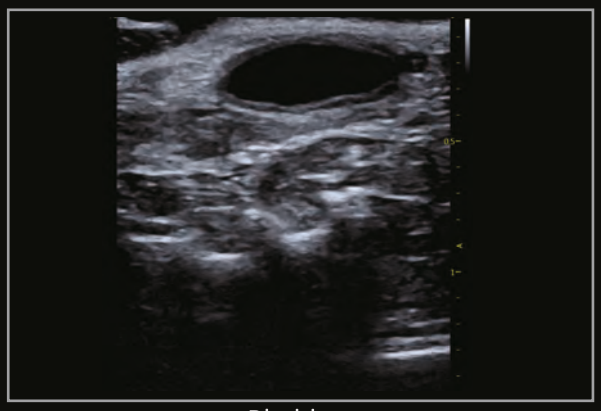
The light indicator will be illuminated after the battery is set in place.


**4 Probe Holders**

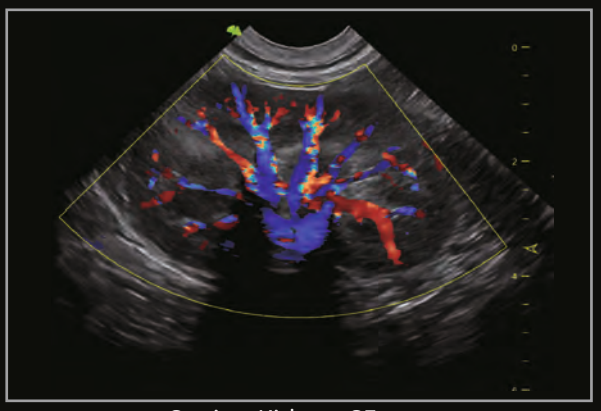

**Battery Pack**

Backup battery inside the system supports 60-minute more working time for each pack of battery .

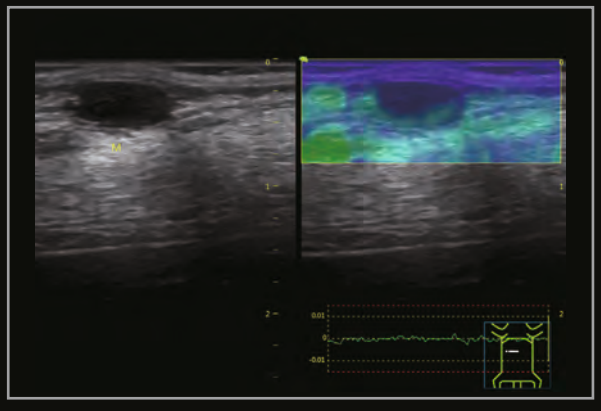
# Image Gallery



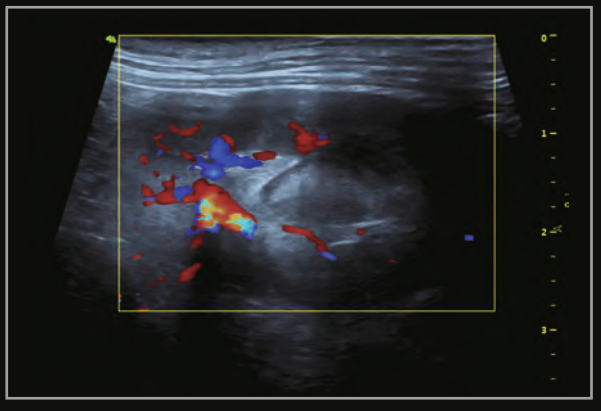
Bladders



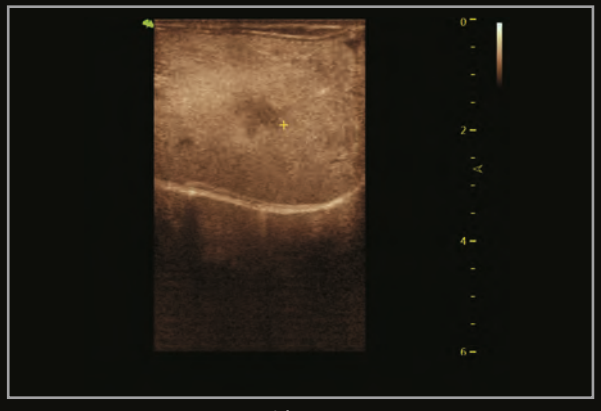
Canine Kidney CF



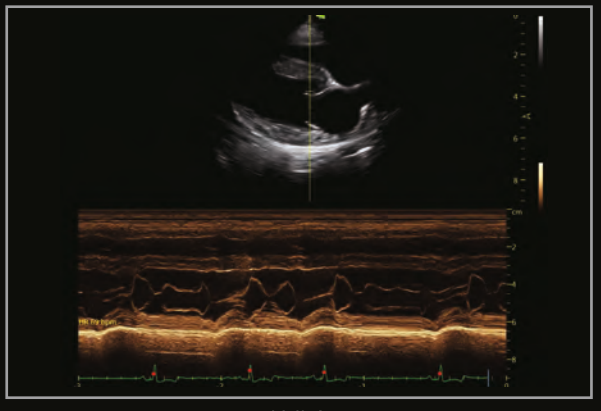
Elastic Imaging



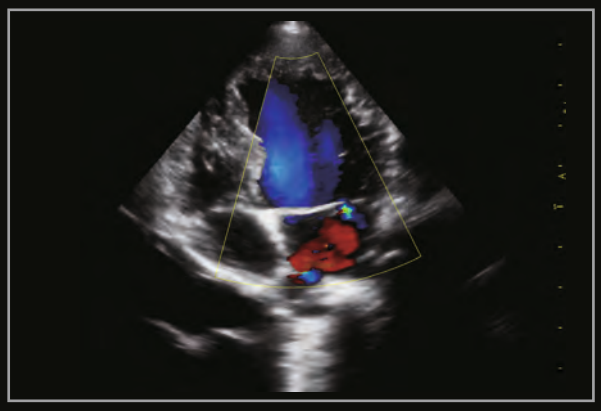
Feline Kidney CF



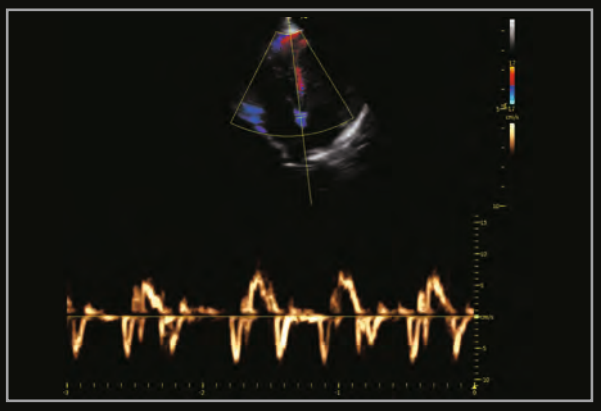
Liver



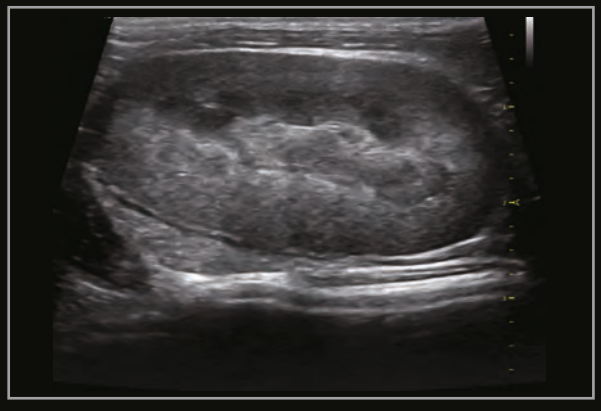
LVLA



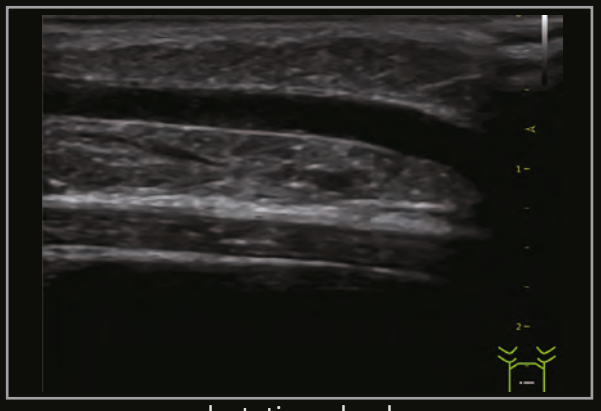
Canine mitral regurgitation CF



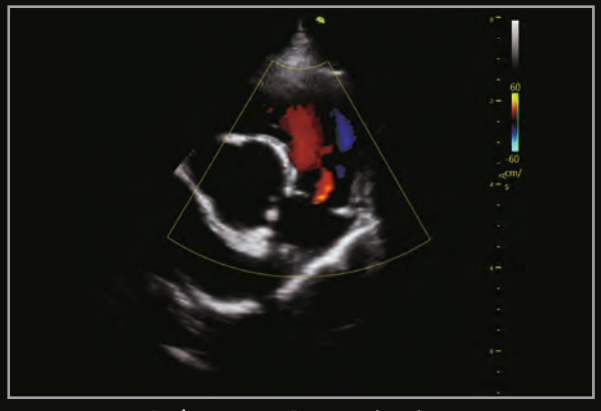
Canine Mitral valve



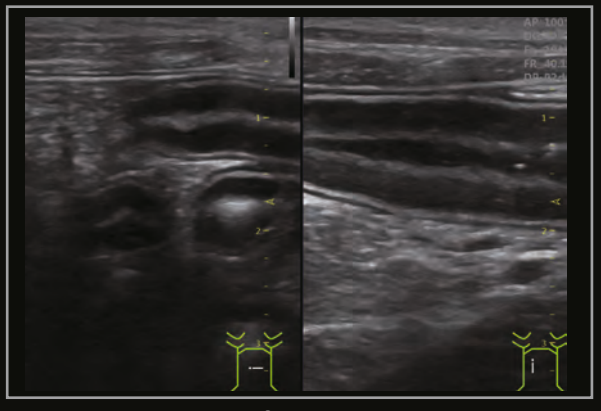
Feline Kidney



lactating gland



Pulmonary Regurgitation



Stoma

VINNC

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