



ULTRASOUND

# Ultrasound System | DUS7000 Plus

Value and Significance



# Ultrasound System | DUS 7000 Plus

Incorporating innovative technologies, the **DUS 7000 Plus** user-friendly designed with a simple operation panel, intuitive user interface and a variety of intelligent auxiliary scanning tools, will significantly improve your daily examination experience. Beside general imaging applications, **DUS 7000 Plus** has been entitled with diagnostic 4D technology which has an extraordinary performance in obstetrics and gynecology applications

# Applications

Outstanding performance in multiple applications



Cardiology



Radiology



Urology



OB/GYN



Abdominal

Vascular

Gastroenterology

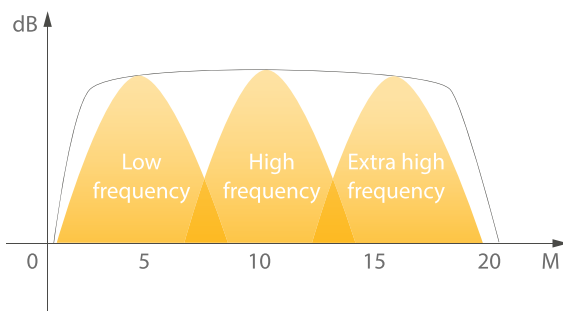
Emergency

Anesthesia

Musculo-Skeletal

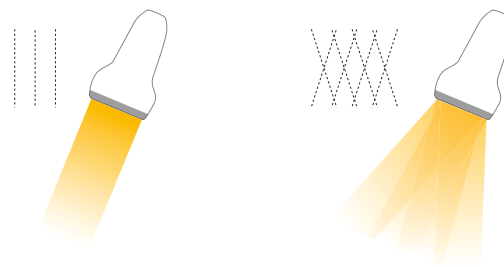
Internal Medicine

Others



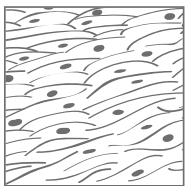
## Super Wide-bandwidth Platform

Inheriting ultra-wide system platform and with the advanced probe technology, high-resolution and deep penetration images are provided for precision medicine

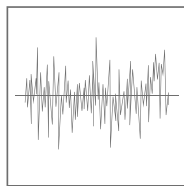


## Spatial Compound Imaging

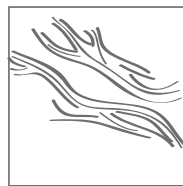
Spatial Compound Imaging utilizes several lines of sight for optional contrast resolution, speckle reduction and border detection, with which **DUS 7000 Plus** is ideal for superficial and abdominal imaging with better clarity and improved continuity of structures.



Tissue



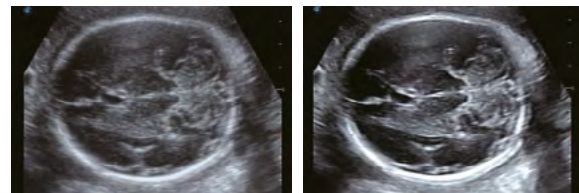
Noise



Color

## Dynamic Color

Dynamic color improves upon already existing color Doppler technologies for a clear capture of color flow and detailed visualization of even tiny veins with lower velocities.



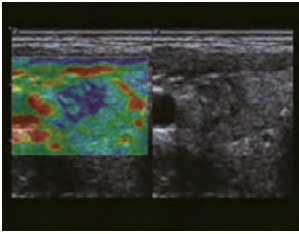
## $\mu$ -Scan<sup>+</sup>

The new generation  $\mu$ -Scan imaging technology gives you better image quality by reducing noise, improving signal strength and improving visualization.



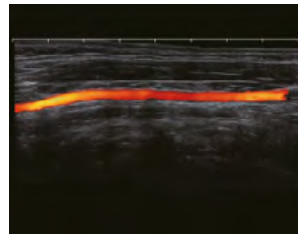
## Abdominal

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### C-lasto imaging

C-lasto imaging enables comprehensive quantitative elastic analysis. Meanwhile, it is supported by multiple probes to ensure good reproducibility and highly consistent quantitative elastic results.

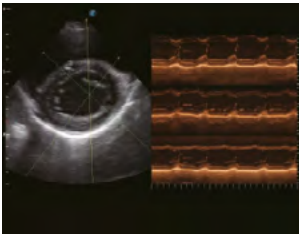


### Real-Time Color Panoramic

With the combination of color flow and real-time panoramic, visualizing the blood flow of an entire vein or artery is now an easy task. Accomplished in real-time for the convenience of the sonographers, any mistake can also be easily back tracked and corrected without interrupting the scan.

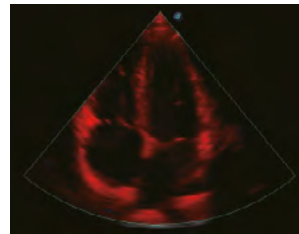
## Cardiac

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### Anatomic M Mode

Helps you observe the myocardial motion at different phases by freely placing sample lines that accurately measure the myocardial thickness and the heart side of even difficult patients and supports the myocardial function and V wall-motion assessment.



### Tissue Doppler Imaging

Allows you to quantitatively evaluate local myocardial movements and functions, with speed and strain-strain rate parameters.

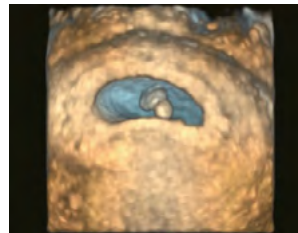
## OB/GYN

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### S-Live

Allows for detailed visualization of subtle anatomical features, thereby enabling intuitive diagnosis with real-time images and enriching patient communication.



### S-Depth

Can automatically display the near-far relation from transducer to target, represented by a smart designed color coding. It helps doctors to use the spatial relationship on real-time images.

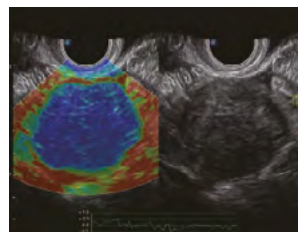
## Vaginal

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### Pelvic Floor

Transperineal pelvic floor ultrasound can provide useful clinical values in assessing the vaginal delivery impact on the female anterior compartment, judging whether the pelvic organs are prolapsed or not and the extent, determining if the pelvic muscles were torn accurately.



### C-xlasto Imaging for Gynecology

Facilitates analysis and documentation of tissue stiffness to improve detection and visualization of tumors. Predominately used only in linear probes, our new transvaginal probe for gynecology is breaking the mold and expanding elastography applications.

# One click Automation

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## Auto EF

To recognize myocardial intima during diastolic and systolic period and calculates the ejection fraction automatically.

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## Auto IMT

To give a quick measurement of intra-media vessel thickness ensures good reproducibility and high diagnostic efficiency.

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## Auto NT

Auto NT helps doctors quickly calculate nuchal translucency thickness and maximizes accuracy compared to manual measurements.

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## Auto Face

One button function to remove covering tissues from the fetus face to give a clearer view.

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## AVC Follicle

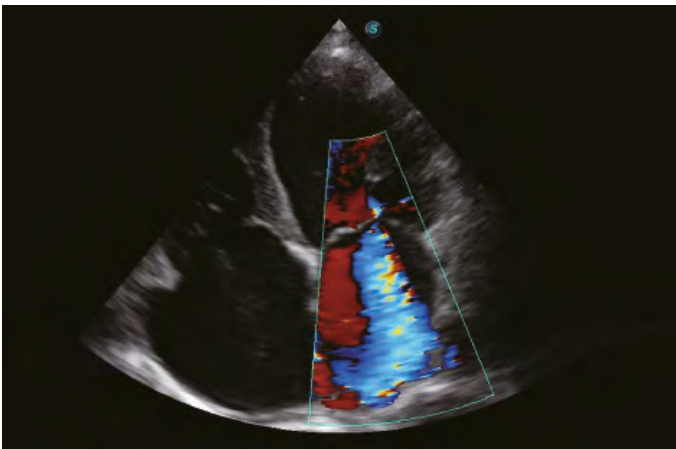
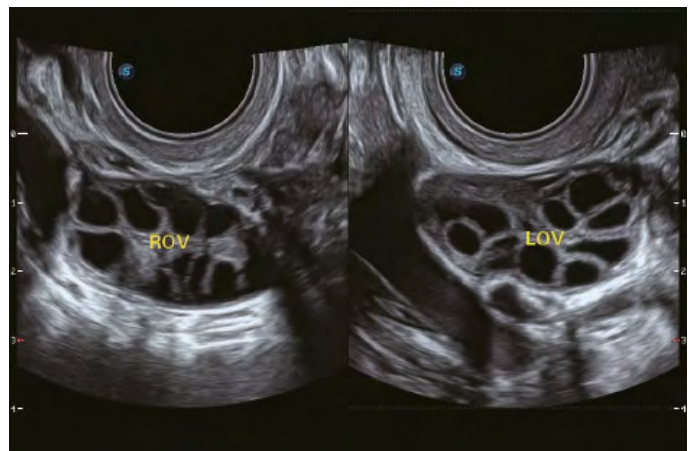
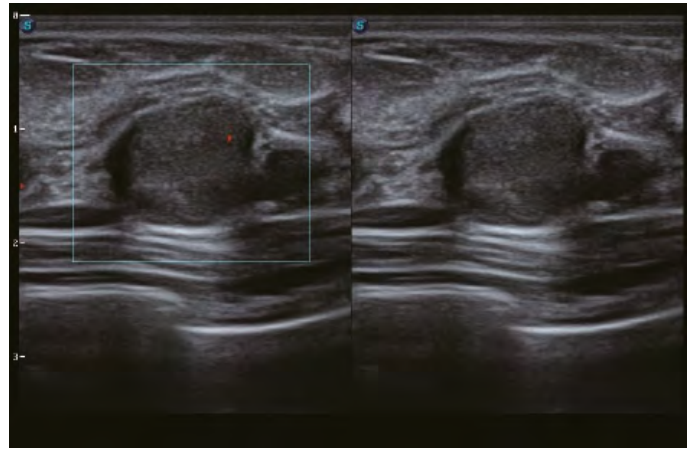
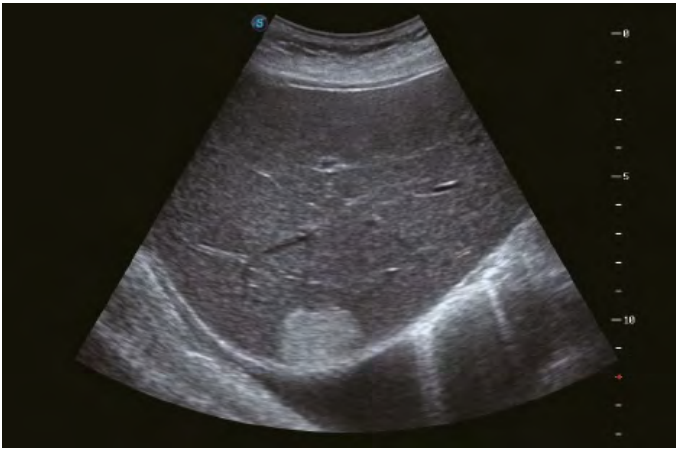
Enables you to automatically measure the volume of 20 follicles at the same time.

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## Auto Color

Auto Color automatically adjusts the position and deflection angle of the ROI to help quickly get the best blood flow image.









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