



Over the past 14 years since its inception, Dawei has become a global developer, manufacturer and supplier of medical equipment. Its mission is to protect human health services and make healthcare more accessible and affordable around the world. Dawei Medical's core business is ultrasound diagnostic technology solutions. Our products conform to product-specific standards and specifications and will continue to be improved to keep us in line with standards and the latest technology.



DW-T8 LITE

Color Doppler Ultrasound System

Versatile | Easy | Durable

CE 0123 ISO 13485



Fine Core Wisdom Perception Super Clear



☐ Intelligent operation process, humanized appearance design, so that doctors in the clinical diagnosis process will pay attention to the patient itself



Super large touch screen, Angle of view 45°adjustment



The one-piece keypad is easy to operate

☐ A more sensitive echo frequency shift capture ability, so as to get better contrast resolution, more organizational structure information



Fully activated interoperable four probe jack

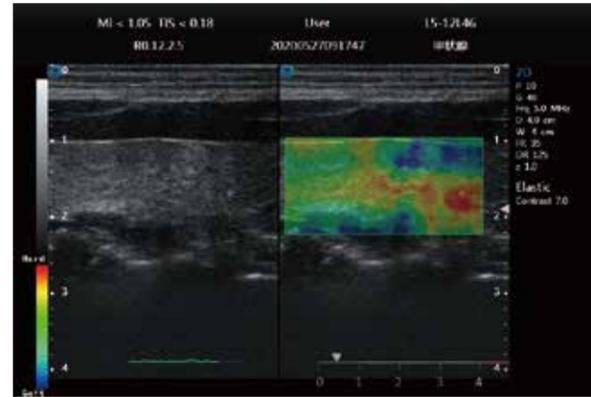
Superb Imaging

Simplified Workflow

Scalable To Your Needs

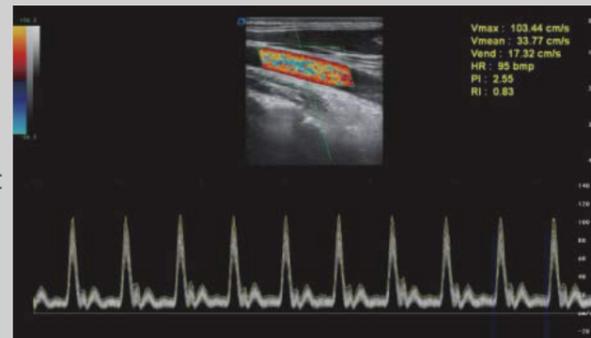
Freehand Elastography Imaging

Freehand elastic imaging can help doctors distinguish between soft and hard tissue from surrounding tissue. Elastic imaging technology based on the original data information, using tissue Doppler principle and intuitive parametric imaging mode and quantitative analysis, can truly reflect the deformation of tissue and gain insight into the potential pathological features earlier.



Volume 3D/4D Imaging

4D imaging, also known as real-time 3D imaging, provides an interactive means to view dynamic 3D imaging. The probe moves at different speeds in freehand 3D imaging mode; During 4D imaging, the volume probe is fixed in one position and cannot be moved. The mechanical components inside the probe can perform stable continuous scanning at different positions by swinging, thus obtaining a series of continuously stable frame images. Thus, it can be seen that the quality of 4D rendered images is significantly higher than that of freehand 3D imaging.

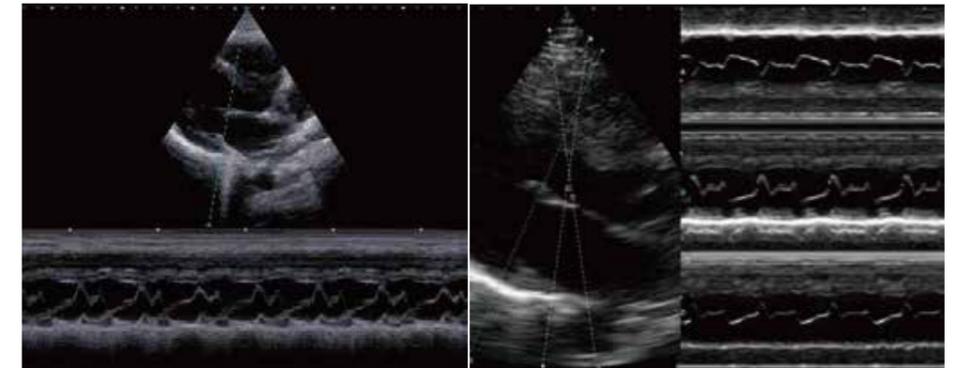


AST Measurement

In the ultrasonic system of examining the heart and arteries and veins with ultrasonic Doppler technology, relevant parameters need to be extracted from the Doppler spectrum map to evaluate the hemodynamic state of the heart and blood vessels. The disadvantage of manual detection is that the operator's peak marking speed is monotonous, time consuming, repeatability is poor, and the estimation accuracy is low.

In addition, in order to mark the peak speed during detection, the operator needs to interrupt the acquisition of Doppler signal, so it cannot be estimated in real time. The host includes an automatic envelope detection module that automatically tracks peak and average flow velocity time-dependent changes and displays them in real time on the Doppler spectrum.

Free Anatomic 3M Imaging



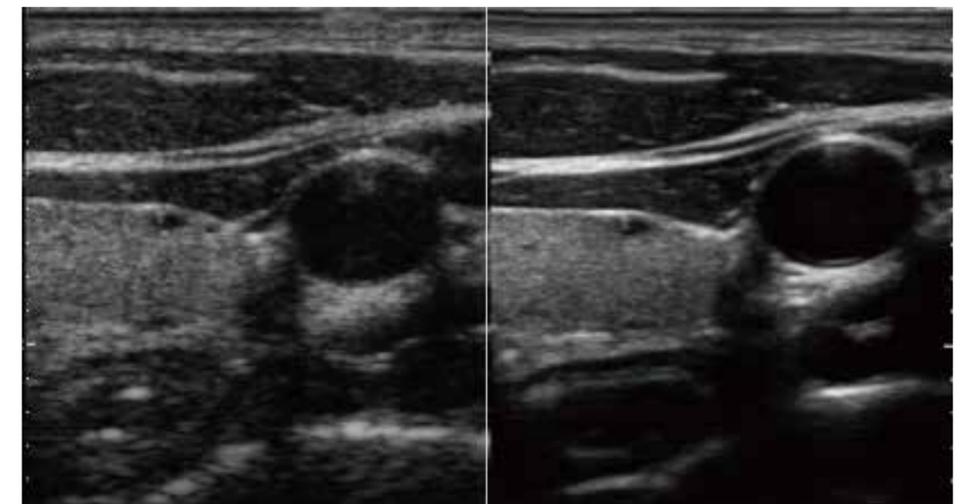
Microflow Imaging



Thyroid nodule

Renal blood flow

Spatial Compounding Imaging



OFF

ON

Double Pulse Harmonic Imaging

The echo is superimposed processing, effectively suppress noise, enhance image contrast and resolution

OFF

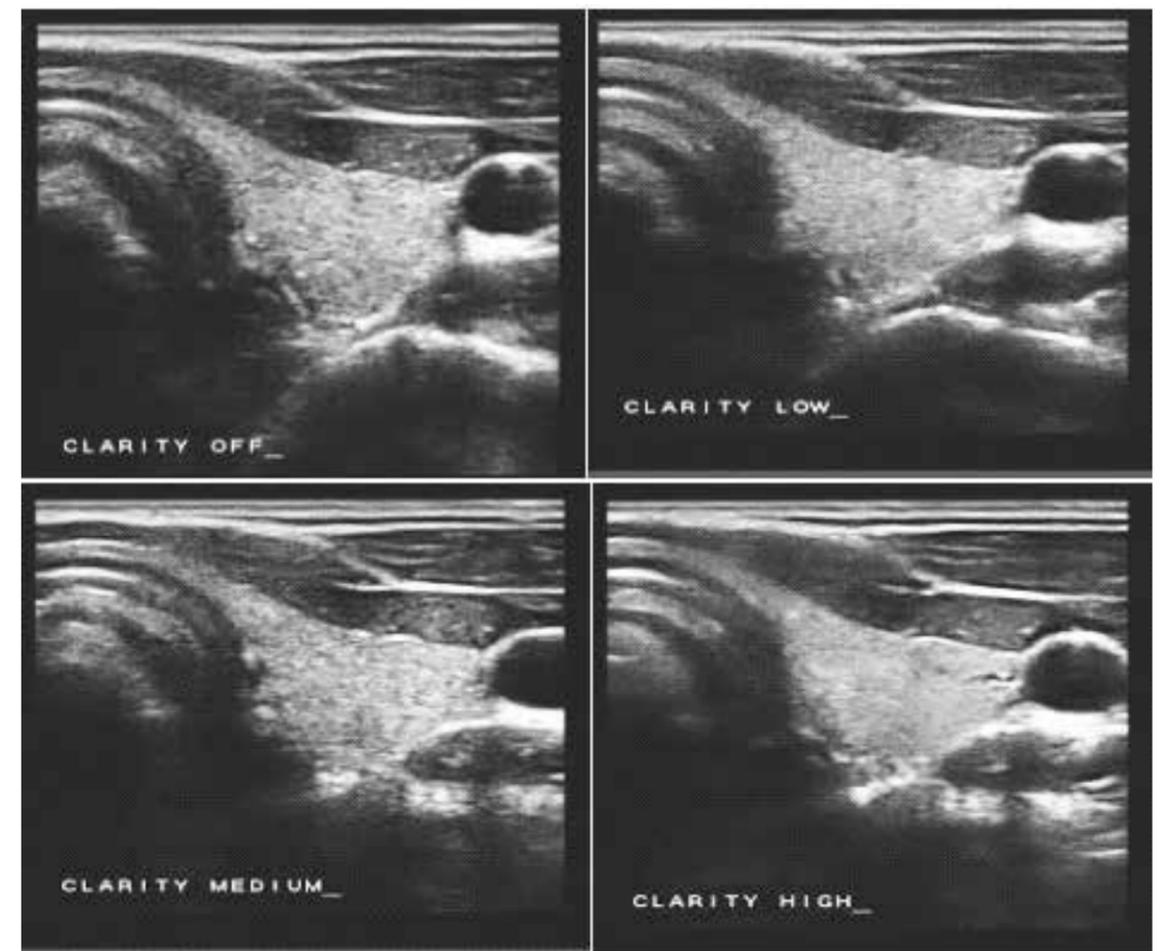


ON



Speckle Noise Suppression

Ultrasonic images with noise are extracted from multiple spatial dimensions, and point-to-point intelligent recognition is carried out for the noisy images in each spatial dimension to obtain image organization information. The organization information in each spatial dimension was classified into pixel area attribute, and the pixel was divided into pulse area and edge detail area by local geometry structure. According to the classification of pixel points, speckle noise suppression was carried out on the information of the noisy tissue in each spatial dimension, and the ultrasonic image denoising in single dimension was obtained. The single dimension denoising ultrasonic images of each spatial dimension are synthesized into ultrasonic denoising images.



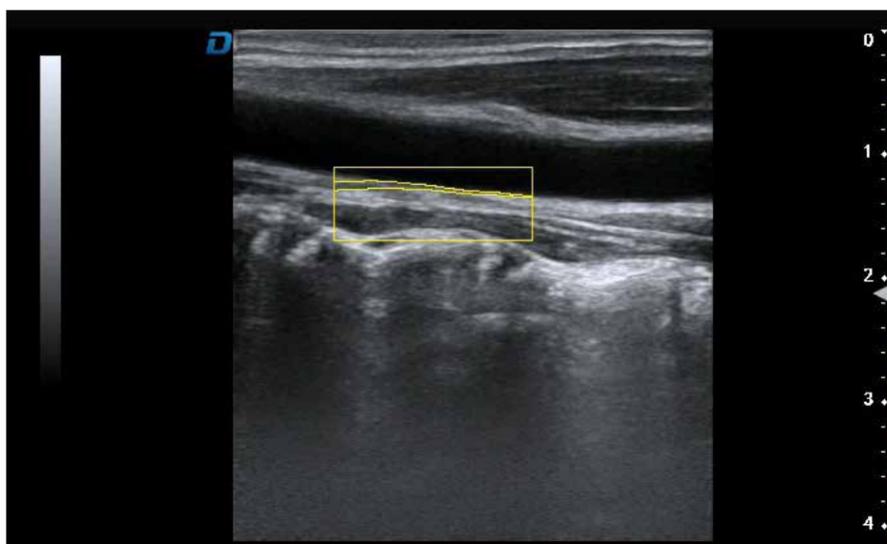
Trapezoid imaging

It means to transform the line data of the linear probe into trapezoidal image through coordinate transformation and interpolation. It is a kind of extended imaging.



Automatic measurement of IMT

Intima thickness is an important indicator to predict the risk of cardiovascular diseases. The technology of intima automatic measurement can automatically measure the intima thickness in the near field and the far field of the vessel, and optimize the measurement angle automatically.

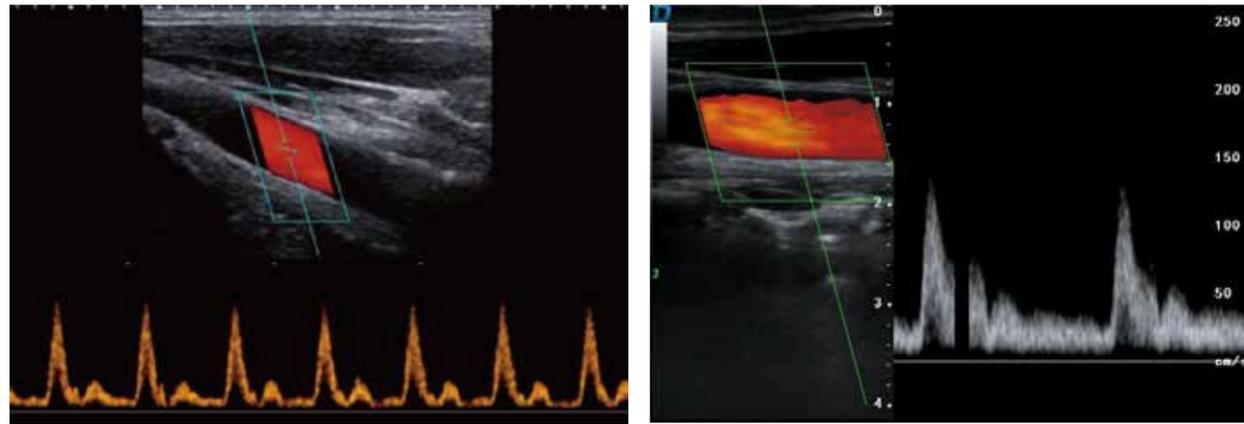


Wide Range of Application

Systemic application, mainly abdominal and obstetrics and gynecology ultrasound diagnosis application and research. It has the application ability of cardiovascular, peripheral vascular, obstetrics and gynecology, abdomen, fetal heart, superficial tissues and small organs, intracavity and puncture and interventional ultrasound, etc., and has a strong 4D analysis function.

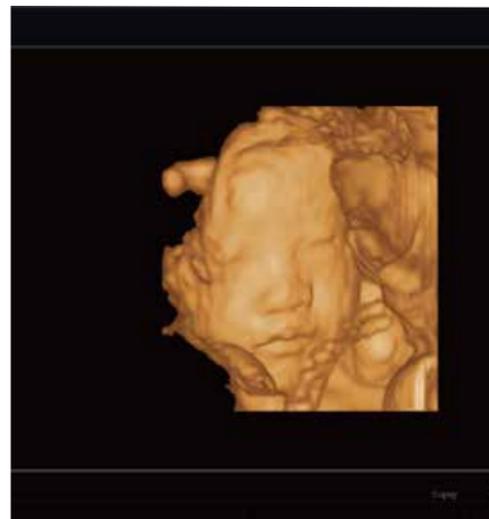
D Mode

Also known as PW Mode. PW Doppler enables you to selectively examine blood flow data from the sampling volume. PW Doppler displays the flow information through the constantly

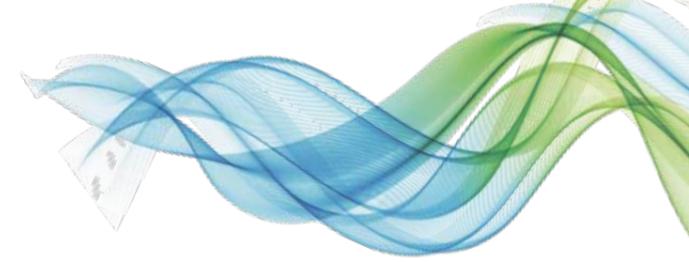
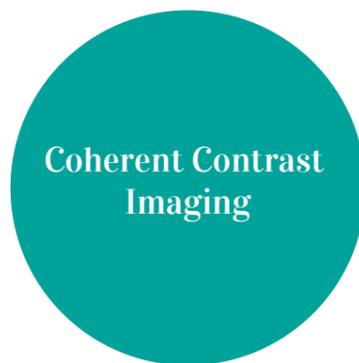
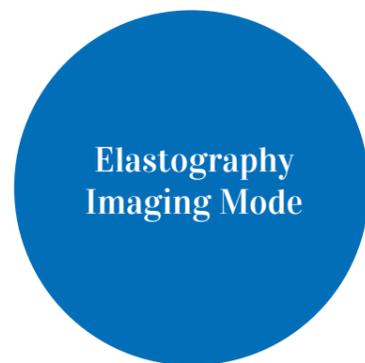


HD Volume Image Rendering

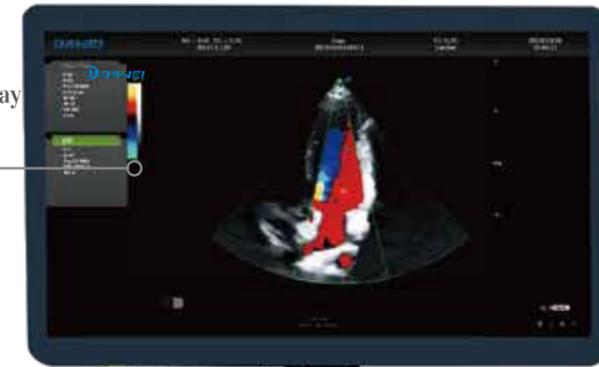
Imaging mode -- multi-plane reconstruction, with bone imaging, surface imaging, X-ray imaging and other imaging modes. 4D is adding time to 3D. Ultrasonic imaging system is based on the principle of ultrasonic encounter object reflection imaging developed, the probe placed on the surface of the human body, the sound waves into the body, also receive the reflection of the ultrasonic back, so that the corresponding image. 4D ultrasound technology can display the unborn baby's real-time dynamic motion image or the real-time motion image of the human internal organs, to determine the development of the fetus, to determine whether the abdominal and pelvic viscera are space-occupying lesions and the nature of the lesions.



Optional Functions



* Main screen 21.5-inch medical HD display (optional 23.8-inch)



* 13.3-inch large touchscreen in-depth interaction (covering 90% of clinical operations)



* USB image storage and export

* Gel heating cup, more intimate

* Free combination of probe storage tank

* The four probe port fully activate



* All four casters are equipped with foot brakes