



DW-L3
Smart synergy
Touch heart

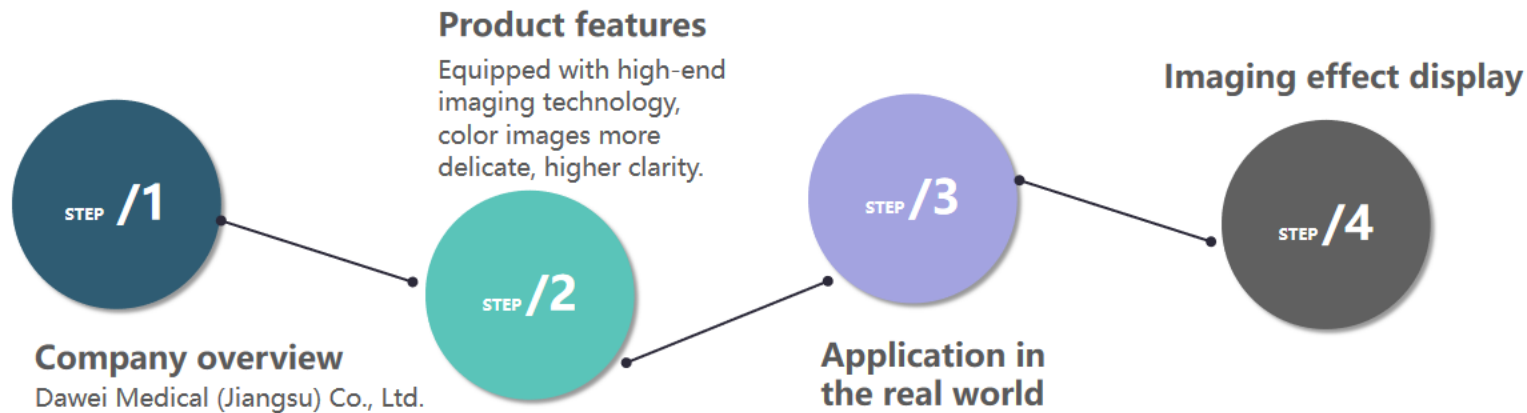
Color Ultrasonic Diagnostic Apparatus

For love, image the world.

DAWEI



CONTENTS



Dawei Medical

Dawei Medical (Jiangsu) Co., Ltd. is a professional manufacturer integrating independent research and development, production and sales of medical ultrasound and animal B-ultrasound products. The company was founded in 2006, the production headquarters is located in Xuzhou, Jiangsu Province, with two R&D centers in Shanghai and Shenzhen, four marketing service branches in Beijing, Guangzhou, Wuhan, Chengdu, and established close technical cooperation with international and domestic well-known medical ultrasound research and development institutions.

"For love, image the world". With the advanced ultrasonic technology, high standard quality system, strict production process control and timely after-sales service, we have won the trust of the majority of medical institutions.

Our products are not only widely used in medical institutions in more than 30 provinces and autonomous regions in China, but also exported to Asia, Africa, Latin America and developed countries in Europe and America, as well as for Tsinghua University, Fudan University, Shandong University, Zhejiang University and other well-known universities in China for scientific research and teaching.



"Technology to create ultrasonic quality, service cast Dawei brand". Looking into the future, Dawei company will always adhere to the "quality first, customer first" purpose, adhere to the "we are creating not only high standard products, but also excellent service concept"; Forge ahead and strive to become a first-class modern brand enterprise in the medical ultrasound industry.

Bring health and well-being to peoples' lives!

Product features

Equipped with high-end imaging technology, color images more delicate, higher clarity.



DW-L3

Color Ultrasonic Diagnostic Apparatus



Smart synergy Touch heart

Strong endurance provides effective support for outdoor diagnosis.

Equipped with high-end imaging technology, color images more delicate, higher clarity. With ergonomic design, lightweight and compact, convenient for the use of medical staff in different scenarios; High resolution medical display, image loss free.

Excellent image processing capabilities

Spectral pulse Doppler

Directional energy Doppler

Spatial composite imaging

Tissue harmonic imaging technique

4B imaging mode

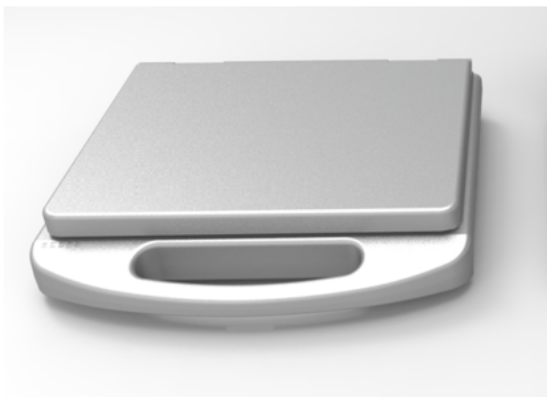
15 inch medical HD display



Intelligent operation

- * One-click intelligent optimization, fast access to quality images
- * All-in-one clipboard
- * Smooth processing
- * Edge enhancement processing
- * The host built-in SSD $\geq 128\text{G}$ is fast and stable to start
- * Cine playback: ≥ 4000 frames





Thin body

Light and compact body.
Diagnostic software is simple and easy to use.
The operation process is simple and fast.

Presets the inspection conditions of the optimized image

In view of different inspection, preset optimization image inspection conditions, reduce the adjustment during operation, and commonly required external adjustment and combination adjustment.





Probes that can be loaded

Spectrum envelope function

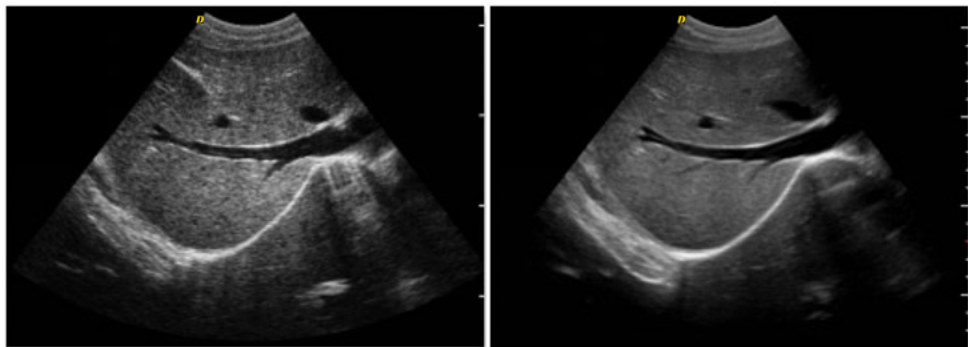
Real-time automatic spectrum envelope, manual spectrum envelope and other modes are optional. The system automatically analyzes and displays PSV, EDV, RI, PI, S/D, ACC, HR and other data.



Clear image visualization

The research and development team of Dawei Medical has spent three years, integrating the most advanced design concept and technological innovation, to create DW-L3 full digital high performance full digital color Doppler ultrasound diagnostic instrument.

Intelligent operation process, humanized appearance design and intimate human-computer interaction as a whole, so that doctors in the process of clinical diagnosis will focus on the patient itself.

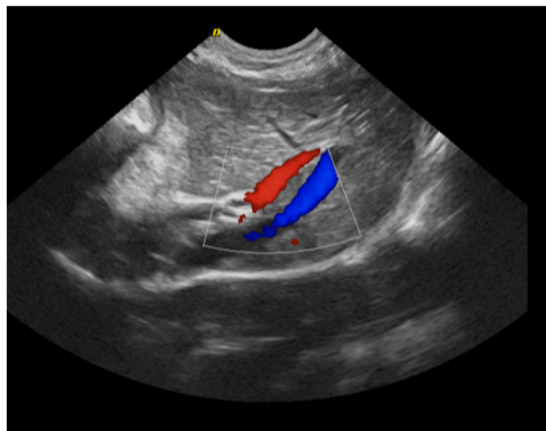


Micro imaging technology

Micro imaging technology, real-time tracking of different tissue edge specific signals, to achieve edge enhancement, while monitoring every pixel; The internal signals of the organization are optimized and the edge information and the internal pixel information are perfectly fused to restore the real and delicate 2D image with excellent hierarchical contrast.

Tissue harmonic imaging (THI)

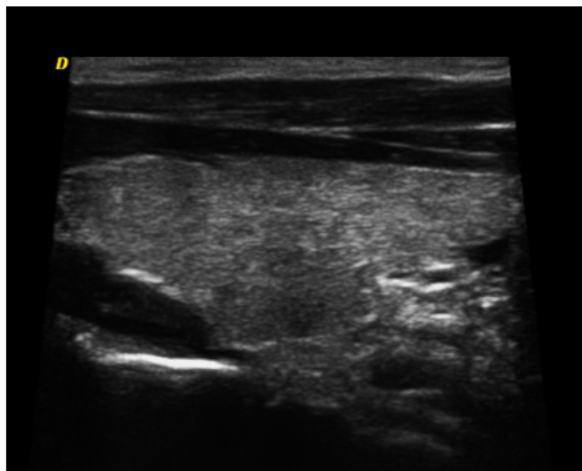
By improving tissue contrast resolution, spatial resolution and eliminating near-field artifact, image clarity can be improved. It is mainly used in the diagnosis of cardiovascular and abdominal diseases, and plays an important role in the evaluation of lesion areas and demarcation of difficult imaging. This technology has been fully recognized by clinicians. Harmonic technology retains the second harmonic signal to the maximum extent on the basis of removing the fundamental signal, which increases the signal intensity by more than 30% compared with the traditional signal processing, reduces noise and artifacts, and improves the contrast resolution of tissue image.



Trapezoidal imaging

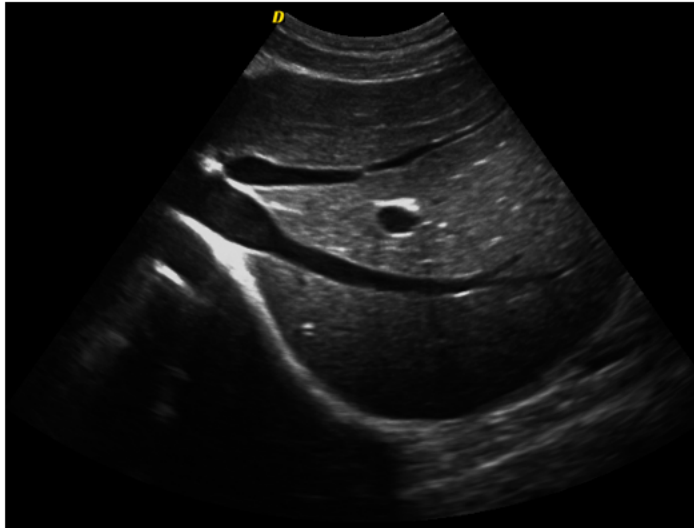
It is a kind of extended imaging. On the basis of the original rectangle, it is transformed into trapezoid. The left and right sides are expanded to a certain extent to achieve a wider visual field.

The principle of ultrasound imaging is to use ultrasonic beam scanning organs, through the reception and processing of reflected signals, to obtain images of internal organs.



HD liver imaging effect

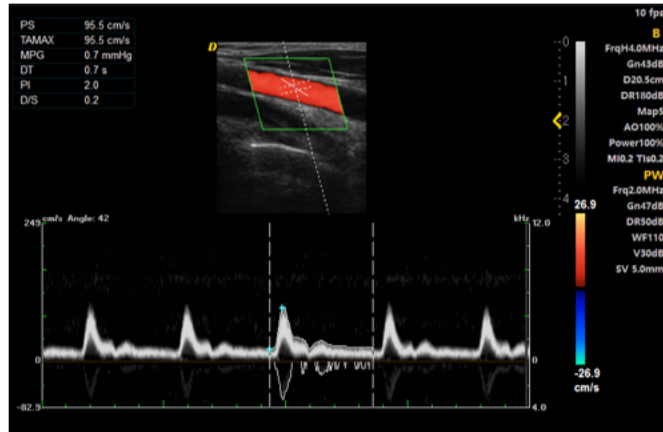
2D real-time ultrasound imaging is mainly used for the change of liver morphology. Ultrasound examination shows the pathological image of liver, which belongs to the change of acoustic physical properties. For the same lesion, different stages of disease development, ultrasonic image performance is different.



Carotid spectrum

Spectral ultrasonography of carotid artery can provide a noninvasive, simple and reproducible method for the diagnosis of atherosclerosis. However, multi-parameter analysis should be advocated in the analysis of detection results. Besides the flow velocity of relevant vascular segments, pulsing index, spectral morphology, blood flow direction and blood flow sound should also be considered.

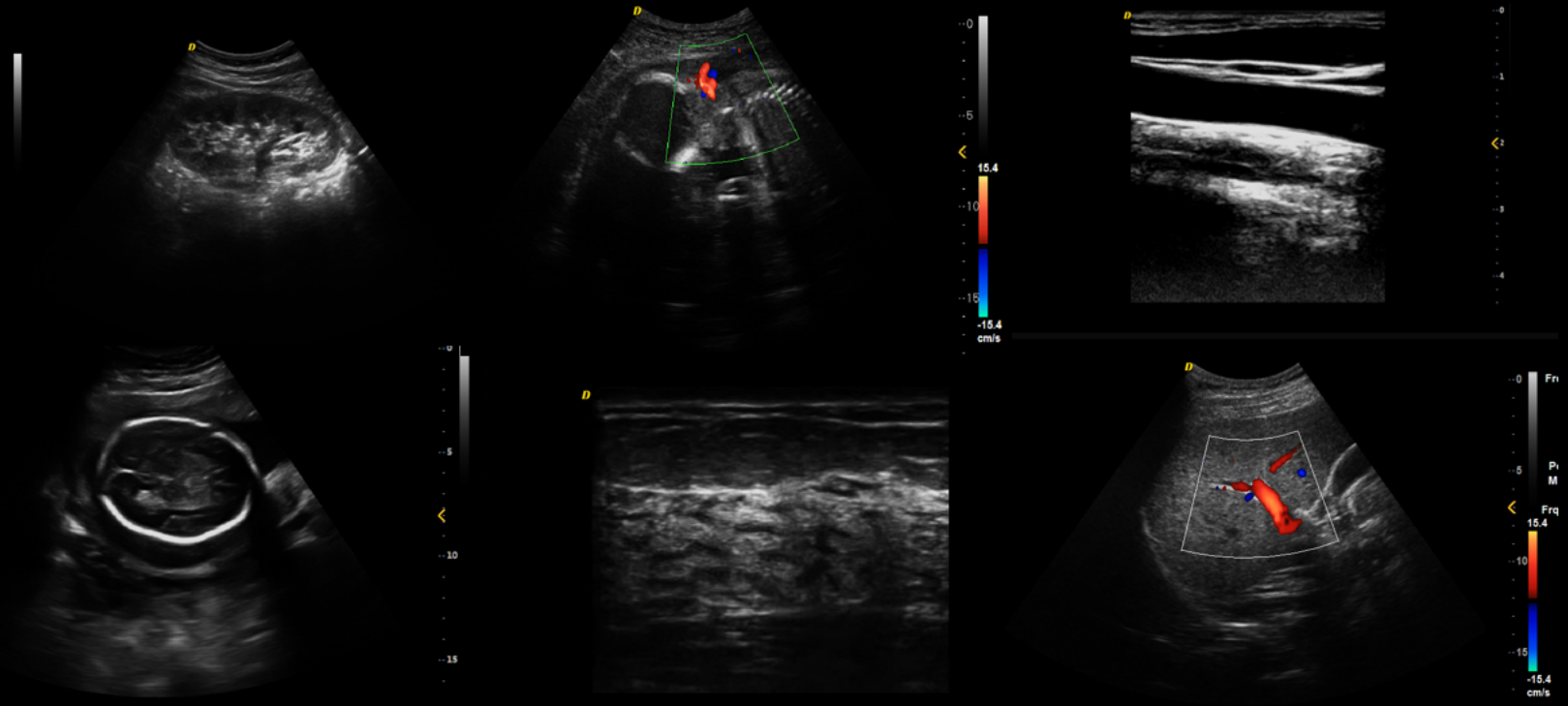
Carotid ultrasound is helpful to determine the nature of the ischemic cerebrovascular disease of carotid artery atheromatous plaque and stability, and to determine the degree of carotid atherosclerosis and carotid stenosis, especially in the display has the advantages on the change of the arterial wall structure, for the early prevention and treatment of atherosclerosis provide objective basis, actively treating atherosclerosis and carotid stenosis in preventing ischemic brain have important significance.



Clinical images

DIAGNOSTIC APPARATUS

ULTRASONIC





For

Love

Image

World

Dawei Medical
thank you all the way

