Showing Optional Probes

Dedicated high-density probe, using a new array design technology and unique sub-array element technology, it fully displays high-resolution images brought by high-density probes, perfectly presents image details, and increases clinical diagnosis accuracy.

Convex probe
Abdomen, obstetrics, gynecology

Linear probe
Vascular, Musculoskeletal

Phased array probe
Heart and chambers, cardiac function, pericardia, effusion

4D-volume probe
Fetal

Trans-vaginal probe
Obstetrics, gynecology, urology

Trans-rectal probe
Prostate gland

Micro-convex probe
Baby organs

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FOR LOVE,
IMAGE THE WORLD.

DW-T50

Delivering truly exceptional women' s healthcare

4D D-LIVE TROLLEY ULTRASONIC DIAGNOSTIC APPARATUS

Dawei Medical(Jiangsu)Co.,Ltd.

OB&GYN

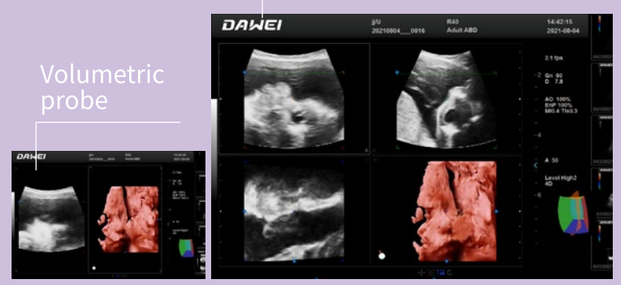
BEING SPECIALIZED IN OBSTETRICS AND GYNECOLOGY USE

4D D-LIVE IMAGING

Beyond the limitations of traditional gray-scale ultrasound, the real-skin rendering is more intuitive, more three-dimensional, and more realistic than the four-dimensional color Doppler ultrasound, and can record every move of the fetus into a video, and present it on the monitor for real-time viewing and sharing, creating the first "movie" for baby. 4D D-Live perfects well in detecting fetal abnormalities, the observation range is wider, and the picture is clearer.

✓ 4D D-Live Imaging

Volumetric probe



Unbelievable Design

21.5" full-view medical
HD display main screen

13.3" medical ultrasound touch screen
0-45° adjustment

Operator panel
110° left/right adjustment

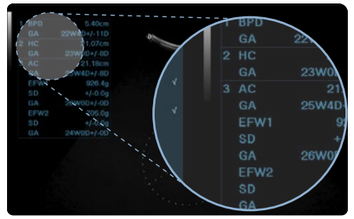
Lifting arm design:
18cm extra high space adjustment

4 probe sockets

Flexible, directional locking castors

Professional OB&GYN measurement packages

- Covering BPD, GS, EFW, EDD, GA, AFI, uterus, uterine appendage etc



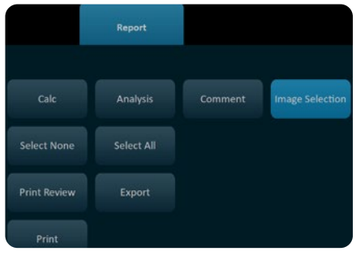
- Obstetrics weight measurement formula: 13 kinds for option

Smooth workflow, Easy management

- Built-in 256G hard drive to start fast and stable

- File information management system

- One-key quick report graphic management



TECHNOLOGY UPGRADE FOR CLEARER IMAGES

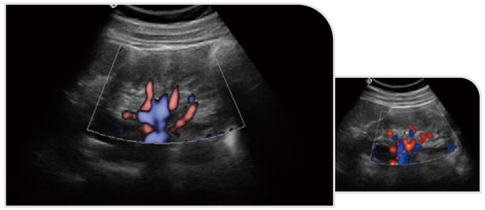
Digital beam enhancer

Analytical enhancement of the signal in the area by intelligent data to increase the clarity of the image

Multifold beam synthesis method

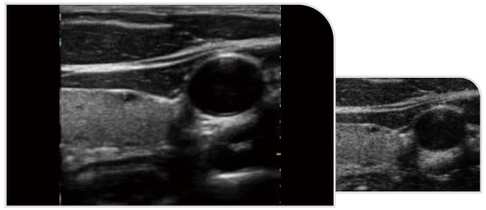
The clarity of the image is again enhanced by the overall technique of generating different multiple meta-beams in different forms, which are amplified by low noise and then output by the corresponding RF transceiver as bit baseband digits to cover a specific airspace to determine the target coordinates.

Excellent Imaging Processing Functions



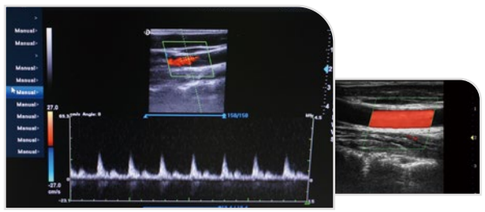
Directional Power Doppler Imaging (DPDI)

Directional Power Doppler employs a small sample volume with high resolution to produce images with two-color directional information and less 'blooming' of color for more realistic representation of defect size. It can make up for the lack of power Doppler that can not display the direction of blood flow, and increase the direction information.



Spatial composite imaging

Ultrasound spatial composite imaging can improve contrast resolution, fine resolution and spatial resolution; enhance echo continuity at the tissue and lesion interface and reduce various artefacts (specular reflection, speckle, scatter, attenuation, poor contrast).

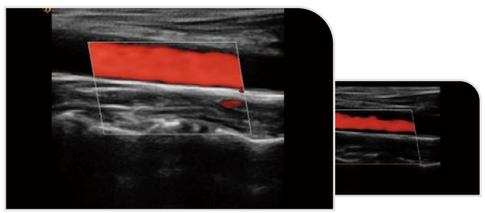


Triplex Imaging

Triplex imaging is a combination of the Doppler, 2D image and spectral or pulse wave Doppler. The spectral Doppler helps to evaluate the velocity of blood flow. It is commonly used in arterial studies such as deep vein thrombosis scans to exclude a thrombus in a vein or in the carotid artery ultrasound scans.

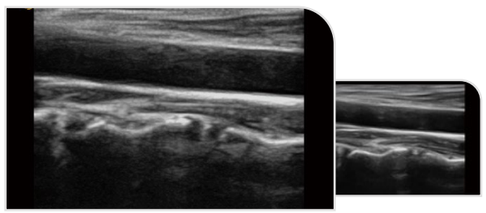
Trapezoidal Imaging

Trapezoid imaging is a kind of expanded imaging, which is transformed into a trapezoid based on the original rectangle, and the left and right sides are expanded to a certain extent, achieving a wider field of view.



Tissue Harmonic Imaging (THI)

It improves image clarity by improving tissue contrast resolution, and spatial resolution, and eliminating near-field artifacts. It is mainly used for the diagnosis of cardiovascular and abdominal diseases. It plays an important role in evaluating the lesion area and boundary division of patients with imaging difficulties.



Clean filter

It can filter and extract the effective information of the whole frequency band and different depths, calculate the variation degree of the signal during the propagation process, perform targeted correction and matching, effectively suppress and filter the noise signal, and obtain high restoration imagings.