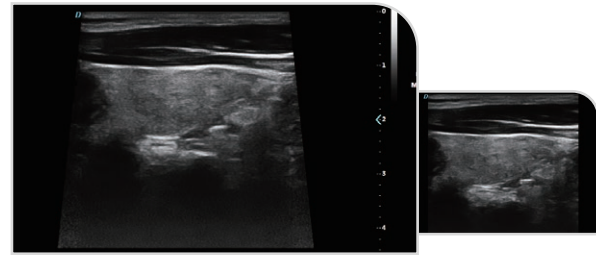
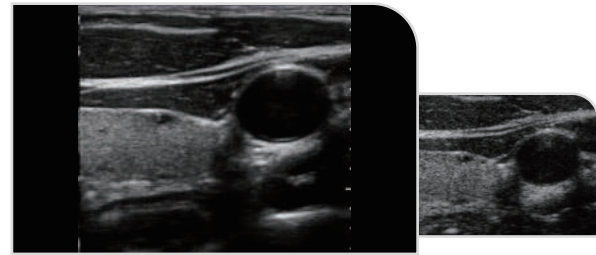


Exceptional Imaging Processing Functions



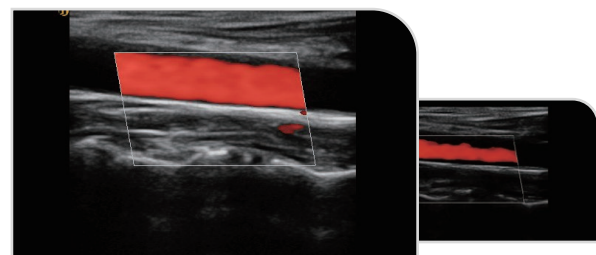
Trapezoidal Imaging

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. The principle of ultrasound imaging is to scan the human body with ultrasonic sound beams, and obtain images of internal organs by receiving and processing the reflected signals.



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).

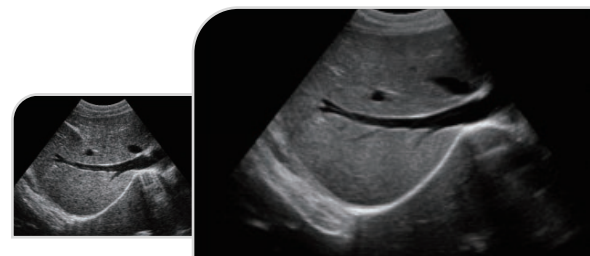


Tissue Harmonic Imaging (THI)

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.

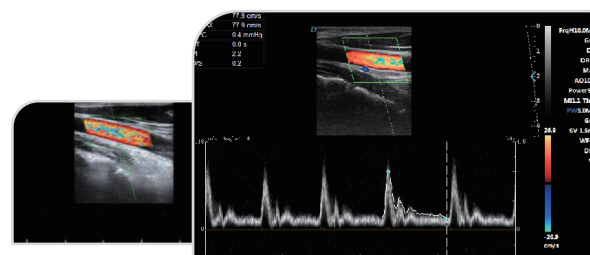
Micron Imaging

Micron imaging technology, real-time tracking of specific signals at the edges of different tissues, to achieve edge enhancement, and monitor each pixel at the same time; optimize the internal signal of the organization and perfectly integrate the edge information and the internal pixel information of the organization to restore the real and delicate, excellent level contrast Two-dimensional image.



Doppler spectrum auto-envelope

Automatic and accurate envelope spectroscopy, automatic pressure, heart rate, resistance index and other haemodynamic indicators for accurate assessment.



Multiple Probes Optional

DW-P50



The self-developed probes with new array design technology and unique sub-array technology fully demonstrate the high resolution images from high density probes, perfectly presenting image details and increasing the accuracy of clinical diagnosis.



Convex probe
Abdomen, obstetrics, gynecology



Linear probe
Vascular, Musculoskeletal



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



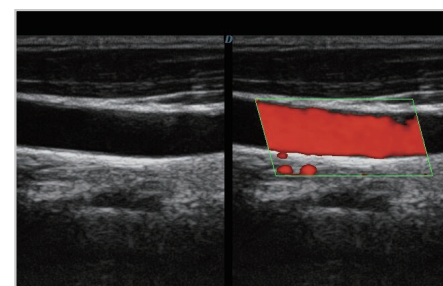
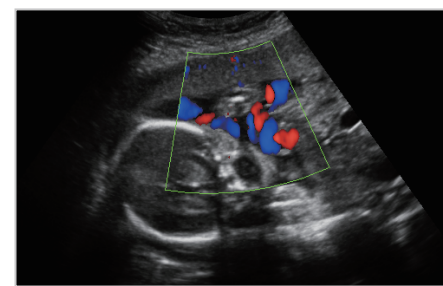
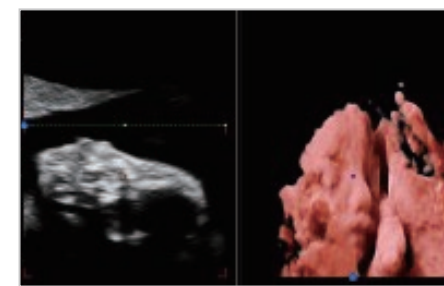
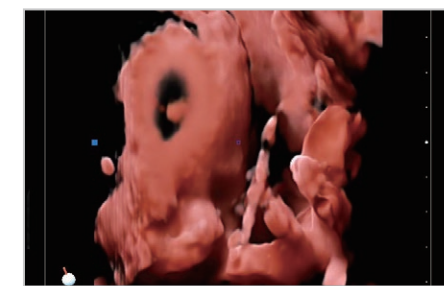
4D-volume probe
Fetal



Trans-vaginal probe
Obstetrics, gynecology, urology



Trans-rectal probe
Prostate gland



www.ultrasounddawei.com

DW-P50

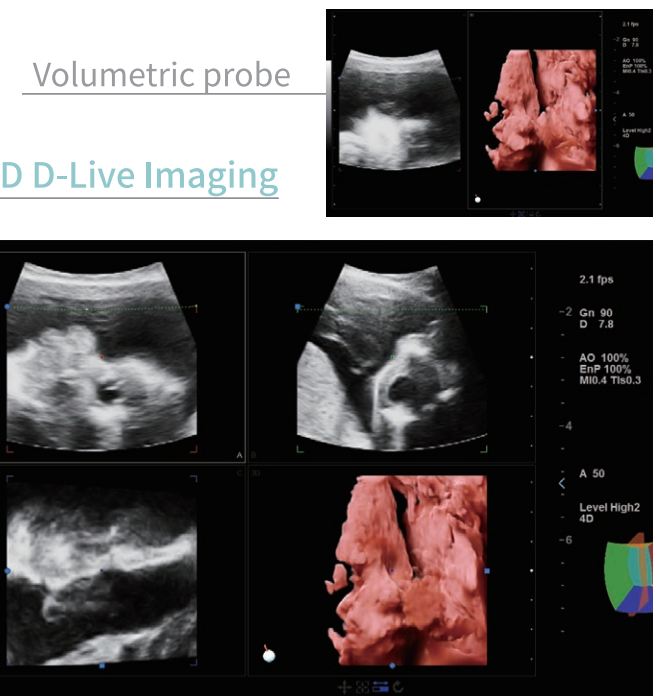
4D D-Live Portable Ultrasonic Diagnostic Apparatus



| Exploring the vivid reality |

Exclusive for Women's Health

The P50 with 4D D-Live technology offers a complete solution that helps you with diagnostic confidence, efficiency and standardization in various diagnostic challenges in women's health practice.



Volumetric probe

4D D-Live Imaging

OB&GYN— 4D D-Live Imaging

4D imaging, also known as real-time 3D imaging, provides an interactive means of viewing dynamic 3D imaging. 4D imaging examinations are performed with the volumetric probe fixed in one position and cannot be moved; the mechanical components inside the probe are able to perform stable continuous scanning of different positions by oscillation, resulting in a series of continuous and stable frame images. While D-live tech adopts a unique and movable light source inside, providing impeccable views of baby's organs.

① RealSkin reconstruction

Realskin rendering uses 4D ultrasound images and spatial dimensional parameters to obtain stereo-realistic 4D images that surpass most of the limitations of traditional grayscale ultrasound. Compared with 4D ultrasound, Realskin rendering is more complete in terms of the function of the detector, with a wider observation range and a clearer image.

② Quick angle

Support 0°, 90°, 180°, 270° rotation of 3D window

Thin and Flexible Body



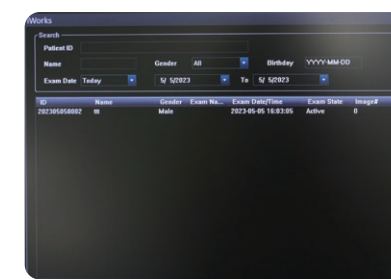
- 15" full-view medical HD display
- 0-30° optimum angle adjustment
- All-in-one keyboard for easy operation



Smooth Workflow, Smart Interaction



Real-time tracking of navigation lights to remind the status



iworks archive information management system for easy inspection of past cases



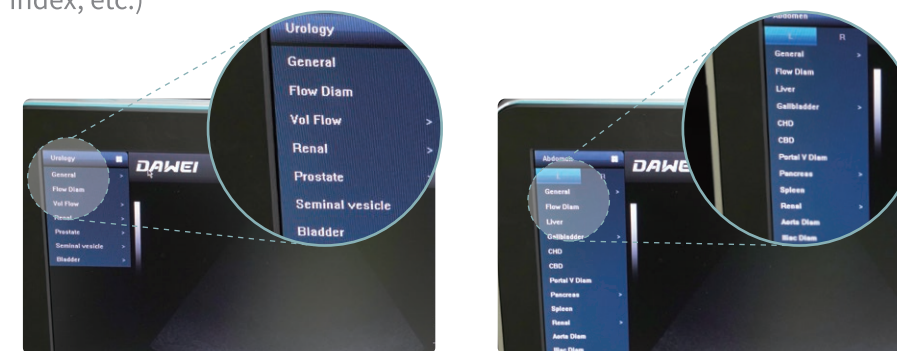
Pre-set optimized image inspection conditions for different inspections

Professional Measuring Packages

- Professional obstetrics and gynecology measurement package :
Biparietal diameter, gestational sac, fetal weight, gestational period, gestational week, amniotic fluid index, uterus, uterine adnexa, etc.



- Comprehensive other measurement package :
Specialised measurements available (such as distance, area, angle, time, slope, heart rate, velocity, acceleration, blood flow trajectory, blood flow spectral tracing, resistance index/beat index, etc.)



Super Lightweight for Portability

- Weight 9.0kg, standard with traveling case. Easy to Use in Every Possible Clinical Scenario: outpatient services, emergency ambulance service, ICU, emergency room, point of care , etc.
- 128GB SSD, Large storage for video images
- Built-in lithium battery, battery runtime \geq 2h

