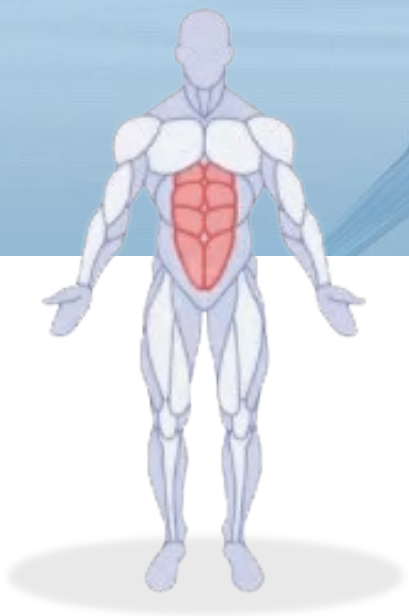
PORTABLE
FULL DIGITAL

COLORULTRASONIC DIAGNOSTIC APPARATUS

PW-P30

PIOWAY

General Imaging



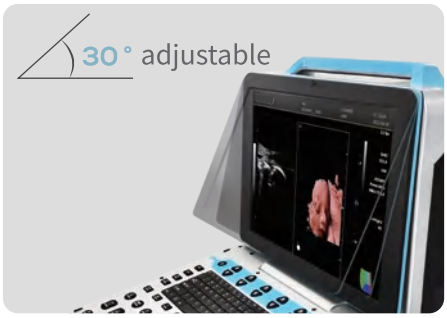
Clinical Applications

- Abdomen
- Gynecology
- Obstetrics
- Pediatrics
- Small parts
- Vessels
- Cardiology
- Urology
- MSK

Professional measuring packages

This device model provides a range of intelligent solutions to help you arrive at clinical decisions confidently.

Custom-Fit Clinical Design



> 15" HD medical display, 0-30° adjustable

> 2 fully activated probe interface

> 1 Probe holder

Standby Endurance Support

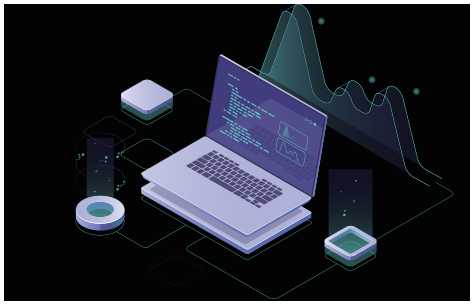
Built-in high-capacity lithium battery (detachable)

*Optional

Independently Developed: YH+ Operation Platform

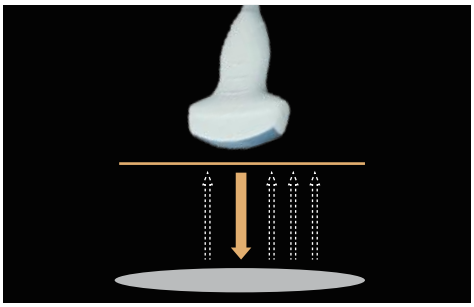
Excellent hardware

- 4G+128G high-speed PC platform
- Fast start-up speed and strong data processing capability



Advanced subarray probe technology

- High-density probe:
  presenting high-resolution image details and improving clinical diagnosis confidence



Intelligent operation

- Pre-set conditions for optimal images
- One-click optimization for rapid acquisition of high-quality images

Real-time sharing

- Supporting LAN connection to ultrasound devices for real-time video and picture sharing on PC
- DICOM 3.0 protocol to share patient scan results

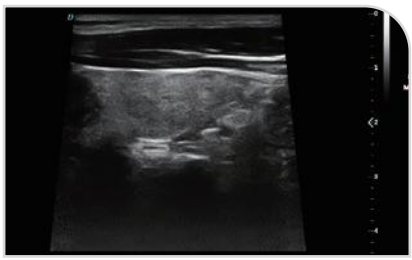
Suitable For Multi-Scene Use

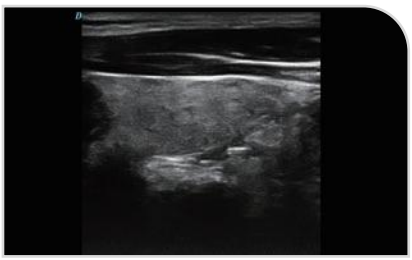
- Outdoor visits service
- ICU
- Anesthesia department
- Onboard dignostic service
- Emergency room
- Point-of-care testing / bedside examination

Exceptional Imaging Processing Functions

Trapezoidal Imaging

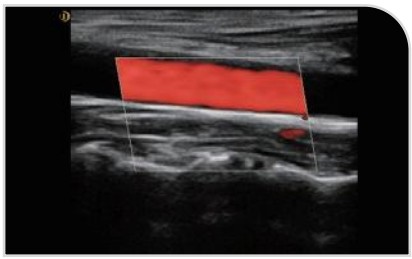
Trapezoid imaging is a kind of expanded imaging, which is transformed into a trapezoid based on the original rectangle, and the left and right sides are expanded to a certain extent, achieving a wider field of view. The principle of ultrasound imaging is to scan the human body with ultrasonic sound beams, and obtain images of internal organs by receiving and processing the reflected signals.

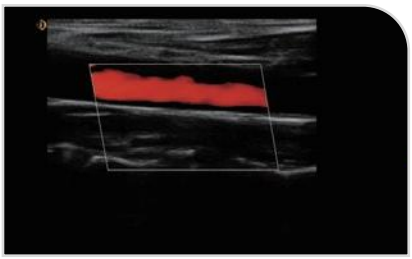




Tissue Harmonic Imaging (THI)

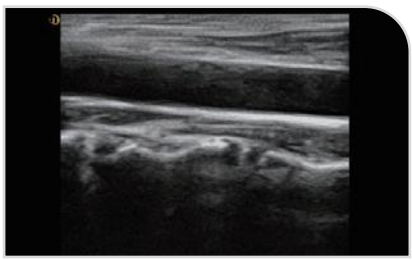
It improves image clarity by improving tissue contrast resolution, and spatial resolution, and eliminating near-field artifacts. It is mainly used for the diagnosis of cardiovascular and abdominal diseases. It plays an important role in evaluating the lesion area and boundary division of patients with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

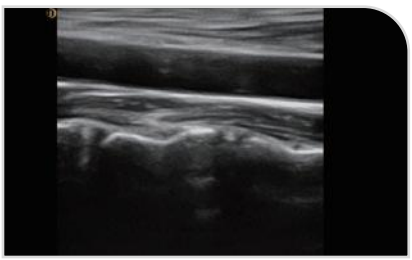




Clean filter

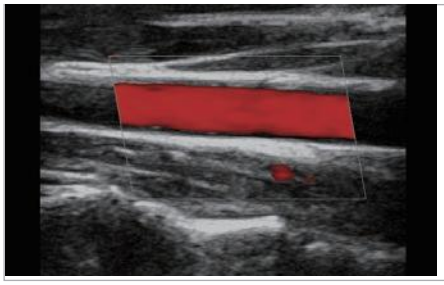
It can filter and extract the effective information of the whole frequency band and different depths, calculate the variation degree of the signal during the propagation process, perform targeted correction and matching, effectively suppress and filter the noise signal, and obtain high restoration imagings.



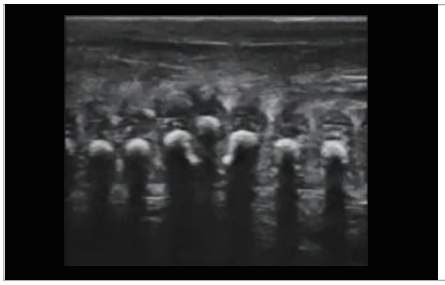


Convex probe

Phased array probe



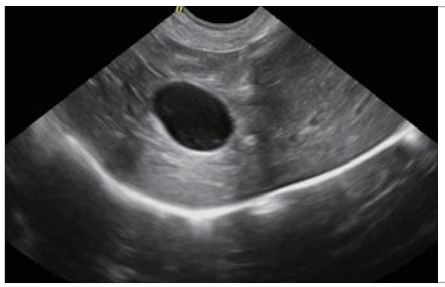
Linear probe



Trans-rectal probe

Trans-vaginal probe

4D volume probe



Micro-convex probe