PIOWAY

PW-L50

LAPTOP COLOR DOPPLER ULTRASOUND SCANNER

3D/4D/5D

CE SGS ISO

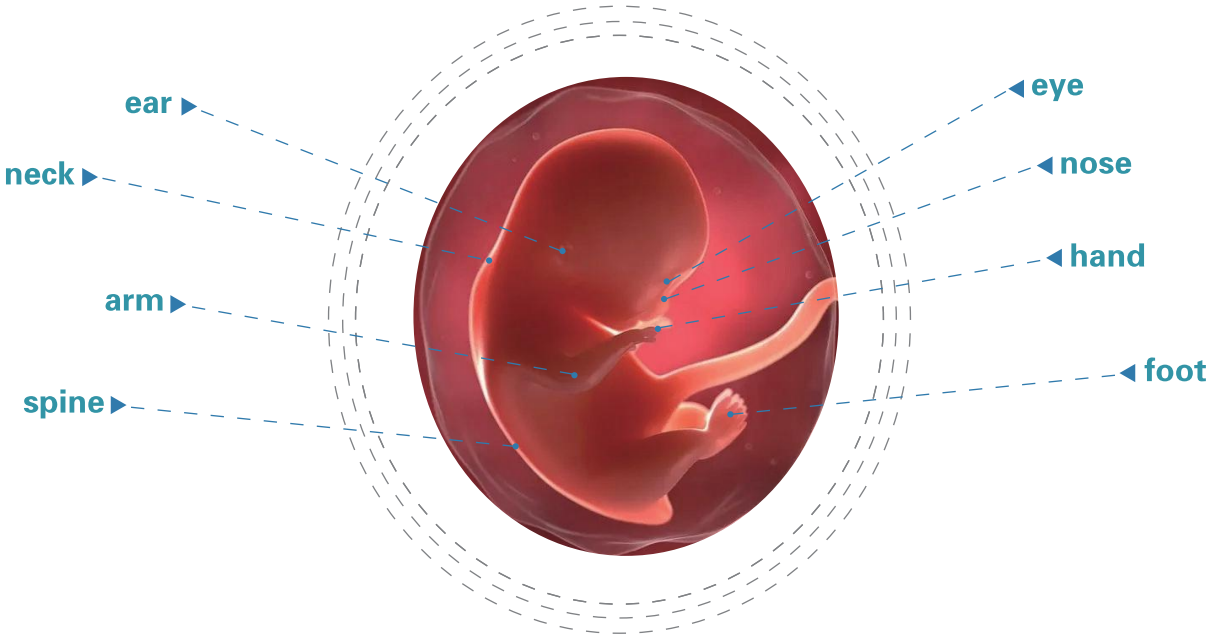
5D Ultrasound
That you can afford

PW-L50 equipped with a high-resolution medical display, adopts multi-beam parallel technology and sub-array element transducers, and its superior image clarity perfectly meets the needs of women's health care. At the same time, PW-L50 relies on the realistic RealSkin 5D ultrasound technology and abundant measurement packages to better protect women's health.

What is HD Live（5D）Technology?

Ultrasounds with 3D/4D imaging have been around for years, but the HD live（5D） ultrasound technology uses a unique and moveable light source inside the probe that not only provides both 3D and 4D imaging, but “lights up” the baby, making it possible for soon-to-be-parents to see the facial expressions of their child, and even watch their baby yawn, wink and smile.

An HD live（5D） ultrasound provides impeccable views of your baby by providing better depth perception. We can change the position of the light and more clearly see the baby’s lips, nose and eye lids.



Real skin rendering

Real skin rendering adopts 4D ultrasonic images plus spatial dimension parameters to obtain more three-dimensional and realistic 4D images, which surpasses most of the limitations of traditional gray-scale ultrasound.

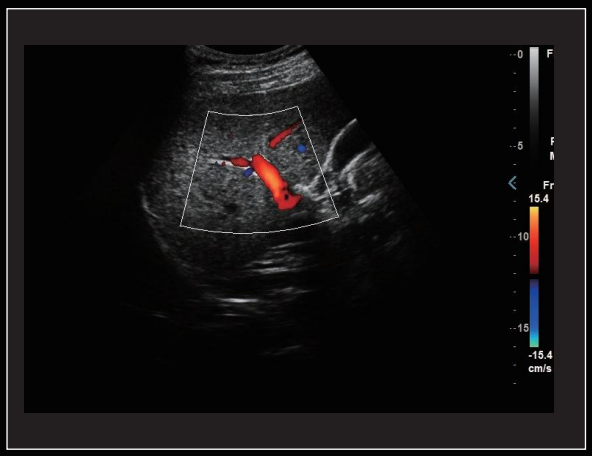
Smooth Workflow

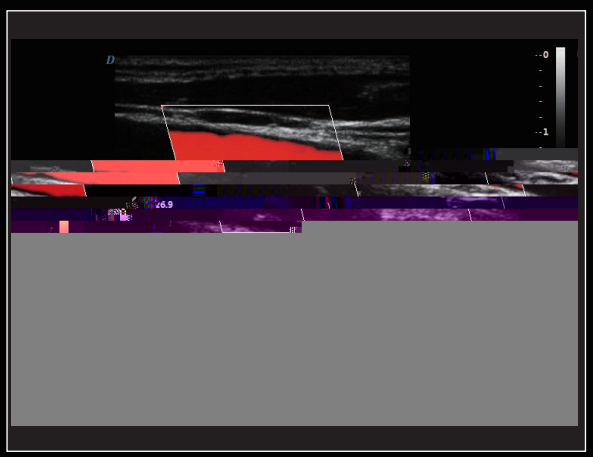
Lightweight and compact body, diagnosis software is simple and easy to use, and the operation process is simple and fast.

- High resolution medical 15.6–inch display
- Spectrum envelope function
- One–click automatic optimization
- Rich user–defined functions
- Built–in large capacity lithium battery (detachable)

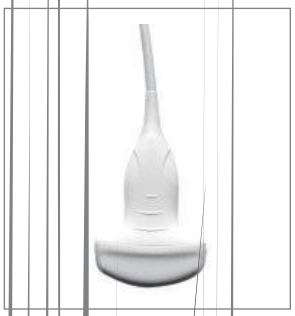
High resolu

Clinical image cases





Part of the probe display



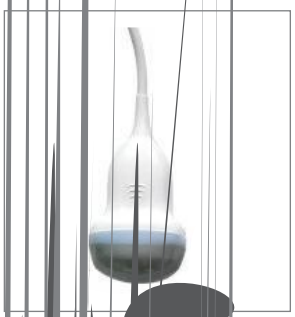
Convex probe

Application: Abdomen, Obstetrics, Gynecology

Line

Trans-vaginal probe

Application: Obstetrics, Gynecology, Urology



4D Volume probe

Application: Abdomen, Obstetrics, Gynecology

Micro convex probe

Application: Small parts, baby organs

Phased array probe

Application: Heart and chambers, cardiac function, pericardial effusion

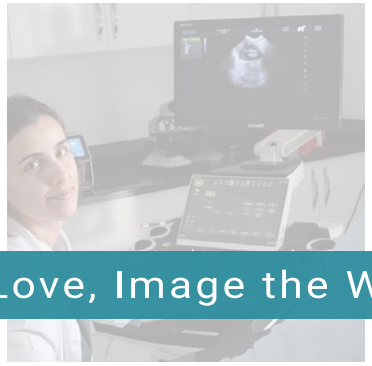
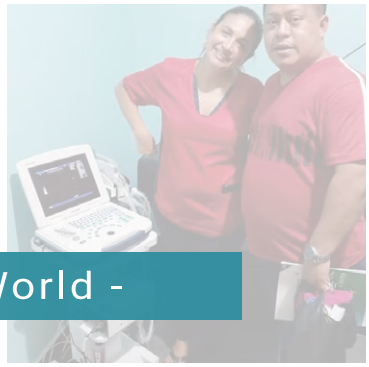
Trans-rectal probe

Application: prostate gland

Sub–array technology

The dedicated high-density probe adopts a brand-new array design technology and a unique sub-array element technology. The second cutting of independent wafers can completely control the entire process of wafer vibration, thereby reducing side lobe artifacts and enhancing the fine resolution of tissues. The boundary between adjacent strong echo reflectors is sharper. It fully demonstrates the high-resolution images brought by the high-density probe, perfectly presents the image details, and increases the accuracy of clinical diagnosis.



- For Love, Image the World -