



PW-L3

Laptop Full Digital

Color Ultrasonic

Diagnostic Apparatus

Lightweight | Smart operation | Easy-to-use system



Primary Care

This device model delivers unpromising performance of dedicate imaging and great convenience in various operation scenarios.

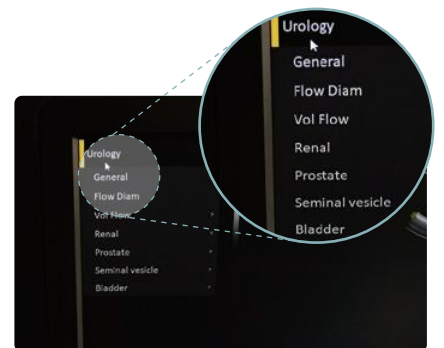
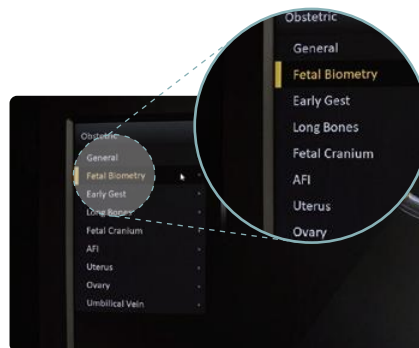


Application Use

- Abdomen
- Obstetrics
- Gynecology
- Urology
- Small Parts
- Vascular
- Pediatrics
- Neonatal
- MSK
- Physical Examination

Rich Measurement Package

Supporting professional measurement tools in abdomen, obstetrics and urology etc., satisfying most clinical diagnostic needs



Thin Body, Extreme Portability



Hand carry

Self-weight of only 5.3 kg;
functional laptop-sized with a
handle for easy carrying and fast
responses



On Cart (optional)

Allowing for easy mobility and
effortless maneuverability
throughout the hospital



Remote travel

Convenient travel case to take the
L3 to distant clinical locations



Powerful Endurance

Built-in high-capacity lithium battery (detachable)



> 15" Medical HD Monitor



> single probe socket

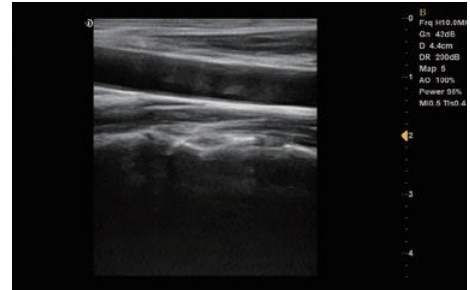
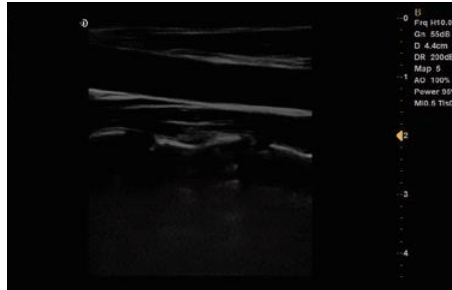


> Connectable to video printers
(optional)

Simple Interface, Smooth Operation

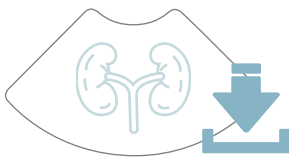
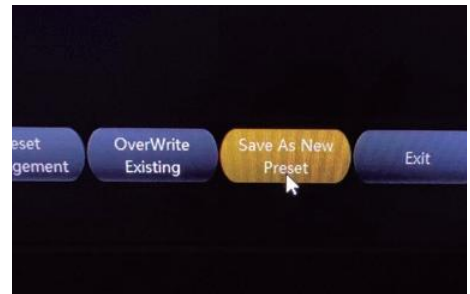
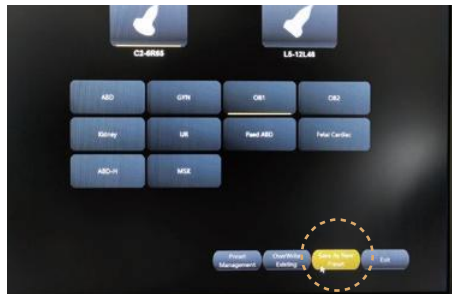
One-click intelligence

- Quick access to quality images



Pre-conditioning

- Presetting of image optimal examination conditions for different examinations, reducing adjustments during operation



All-in-one clipboard

- Displaying saved images at the bottom that can be directly dumped or deleted



128GB

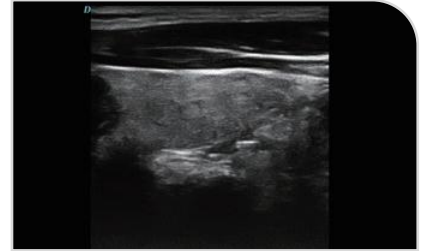
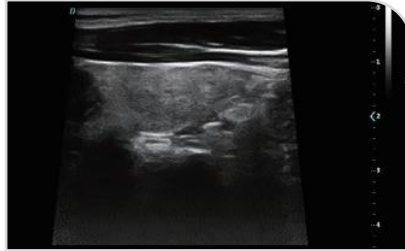
Great Configurations

- Ultrasound Graphics and Text Workstation
- 128G Digital hard disk capacity

Exceptional Imaging Processing Functions

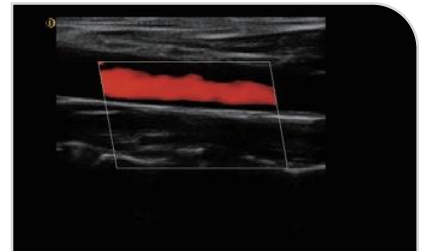
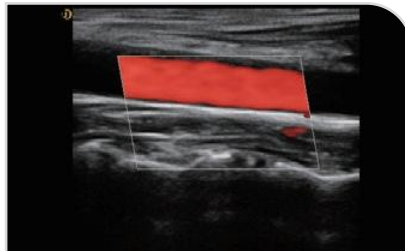
Trapezoidal Imaging

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.



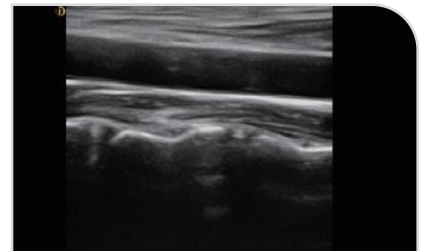
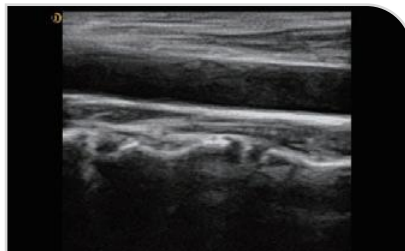
Tissue Harmonic Imaging (THI)

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.



High-Density Probes, High Definition Images



Convex probe
Abdomen, obstetrics,
gynecology



Linear probe
Vascular,
Musculoskeletal



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



Trans-vaginal probe
Obstetrics, gynecology,
urology



Trans-rectal probe
Prostate gland



Micro-convex probe
Baby organs

