



Wireless Handheld Color Ultrasonic Diagnostic Device

## Your Unlimited Personal Ultrasound



**VINNO Technology (Suzhou) Co., Ltd.**

5F, A Building, No.27 Xinfu Rd, Suzhou Industrial Park, 215123, China

Tel: +86 512 62873806

Fax: +86 512 62873801

E-Mail: vinno@vinno.com

URL: www.vinno.com

VINNO reserves the right to make changes to product specifications at any time.



Scan to Download the  
Wireless Ultrasound APP



# The New Device Generation Knows Your Needs Better

VINNO P Series with its outstanding innovative ideas and high integrated design scheme achieves a number of key areas of breakthroughs. It creates a new generation of smaller system shape, more powerful performance and is suitable for a variety of clinical scenarios.

The 2<sup>nd</sup> generation ultrasound P Series, to the greatest extent possible, provides assist for doctors in efficient and sustainable clinical diagnostic support.



IPX7 level of water-proof protection, enables to a wider environmental use.



High-performance wireless data transfer to avoid data delay and loss.



Detachable long-life lithium battery, unlimited reload-cycles, no waiting when use.



Supports both, internal and external puncture guidance, accurate positioning to minimize clinical risks.



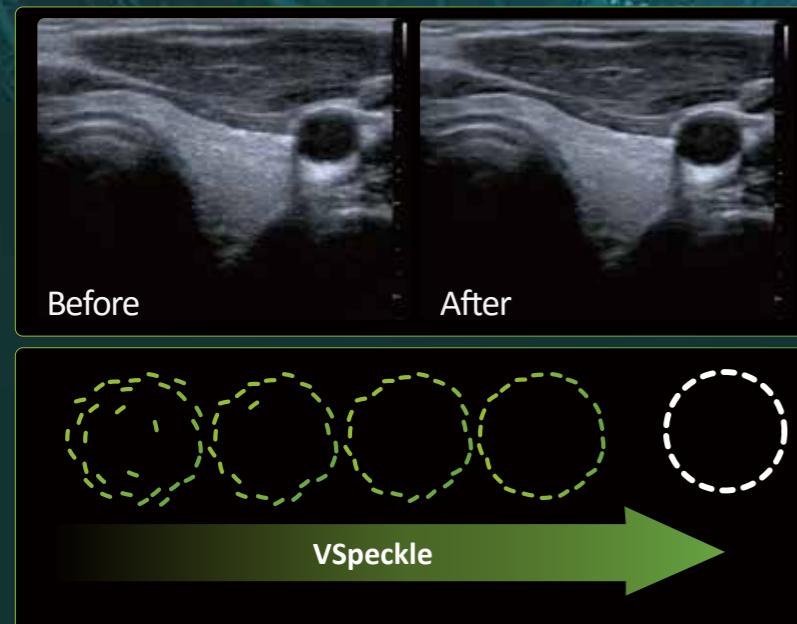
# Big Heart in A Small Body

## Wide Range of Probe Frequency Support

The system can perform multiple frequencies in a wide range of 2-16 MHz to cover the human body from shallow to deep tissue areas. The maximum supported scanning depth is 36cm.

## Get An Image You Can Trust

VINNO P Series adopts VINNO first advanced high performance wireless data transmission and processing platform with enhanced large data volume. Acquisition and real-time processing by avoiding image transmission delay and data loss problems to ensure that diagnostic information is not distorted. The professional software package supports a powerful data post-processing capability.

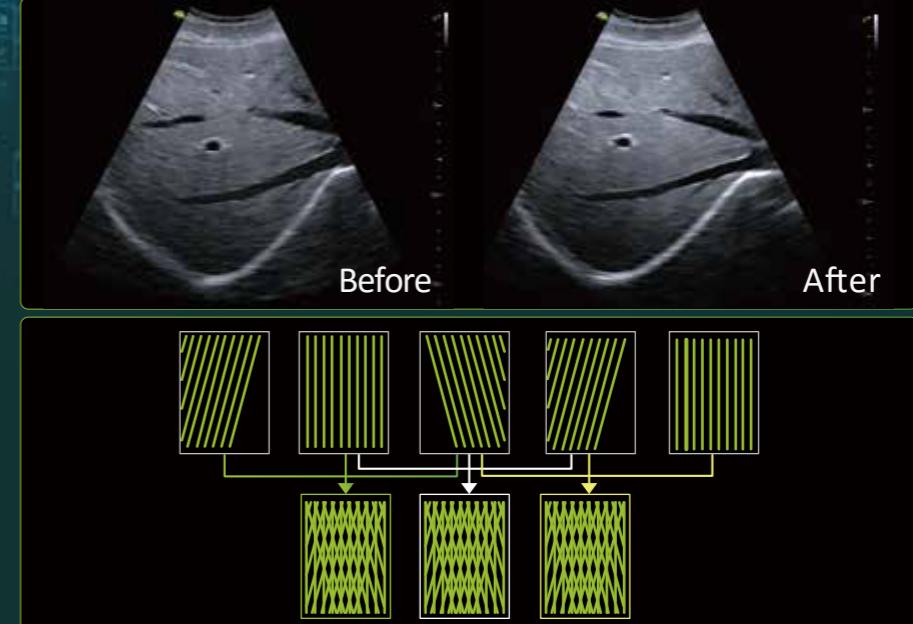


## VSpeckle The Speckle-noise Cancellation Algorithm

VSpeckle can support multi-level image raw data processing to continuously enhance image tissue boundaries and reduce speckle noise and tissue artifacts. The system supports adjustable parameters levels (0-6) and presents the user with more image style display options.

## VFusion The Spatial Composite Imaging Technology

Through the acquisition of image data from different spatial angles for super-position fusion processing, VFusion greatly enriches the image information, improves the overall contrast resolution and significantly suppresses the noise level.



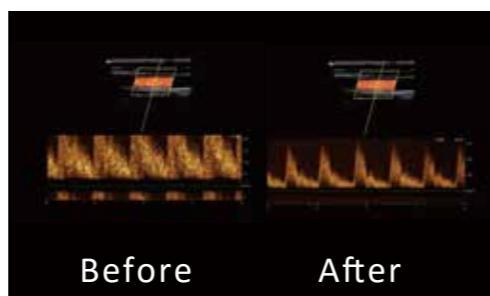
# Efficient and Intelligent Technology to Improve Excellence

VINNO P Series provides a variety of convenient quick operation- and measurement tools to keep you focused on your patient. Addressing professional needs at the same time, it makes daily work more efficient and easier and continues to provide more satisfying solutions.



## Automatic Optimization

One-click operation, quickly reach the optimal display, saving operation time.



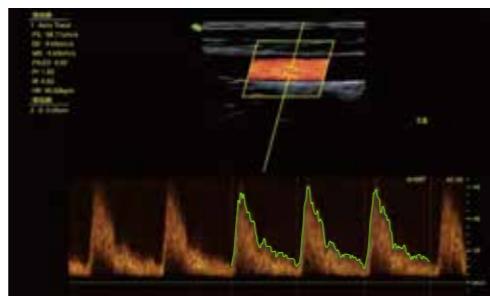
## Trapezoid Imaging

Effectively expand the image display range and improve the overall scanning efficiency.



## Auto Doppler Trace

Supports automatic envelope measurement of spectral Doppler data in real-time and frozen images, and quickly provides users with accurate measurement results.



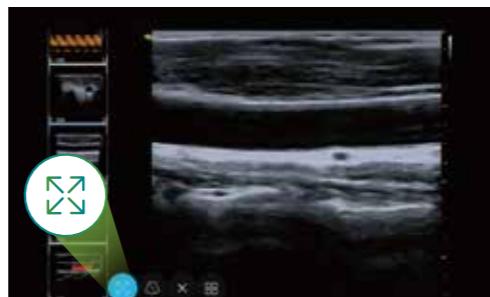
## Needle Enhancement

Through the compound processing of the acoustic beam, the needle body and needle tip are continuously and clearly displayed to avoid biopsy errors.



## Full Screen

One-click real-time full-screen display. For situations such as operating room due to the requirement of sterile environment.



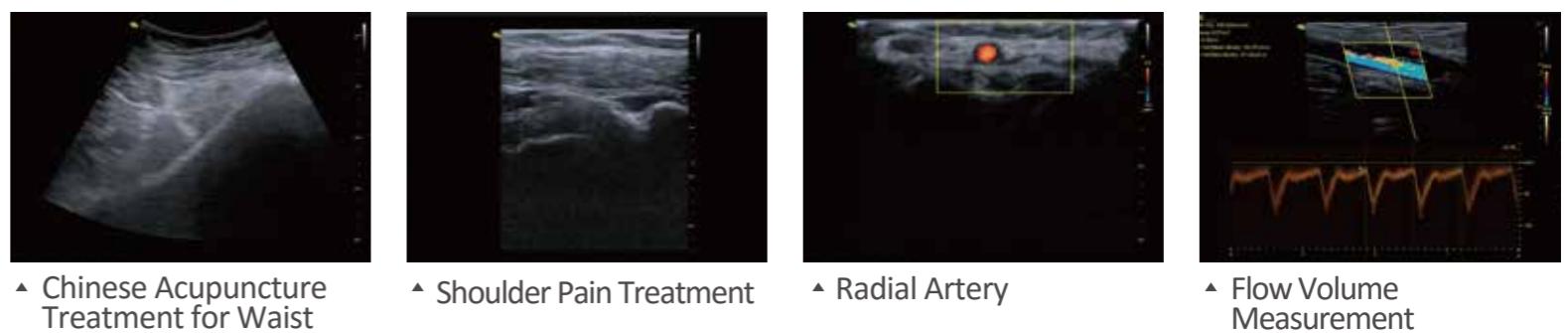
## Biopsy

Equipped with a professional biopsy adapter, which can adjust multiple angles for high accuracy.



# Explore More Application Scenarios

- Useful for diagnosis in the operating room and real-time monitoring of biopsy processes, wireless data transmission, whole device waterproof to meet aseptic requirements.
- Applied in ward rounds to judge prognosis effect and outpatient examination where traditional equipment is too big to use.
- Suitable outside the hospital, for emergency treatment and sport injuries and other complex applications. It is handy and easy to use.
- Professional medical training tool, available for medical students to carry out medical teaching in theory and practice closely to reality.
- Home use, can be equipped with professional guiding software, so that people can use it at home and constantly monitor one's health.





## Originality in Design and Simplicity



**Wireless**  
VINNO Wireless Technology offers the absolute freedom to scan patients anywhere.



**Touch Operation**  
System software integration of fast gesture operation function, convenient and quick touch operation experience.



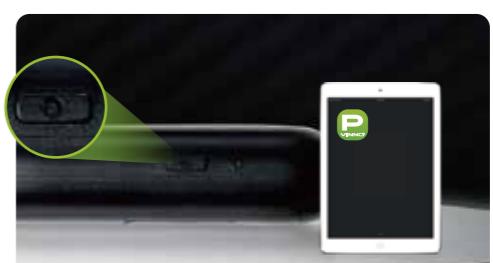
**Light and Convenient Design**  
Whole device light enough to easily operate for a long time.



**Ergonomic Design**  
Whole body material using matte texture, slim girth design for easy handling.



**Ease of Connection**  
Suitable for Android tablets and phones.



**Simplicity of Operator**  
One button trigger, simple and efficient, easy for all users.



# Remote Ultrasound Solutions



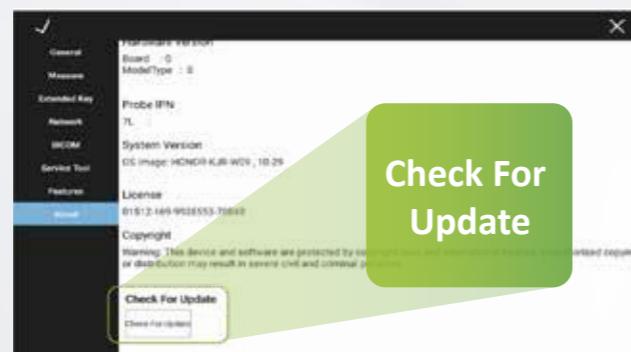
Upload image via  
handheld ultrasound device

Customer smart terminal to  
view images and print reports

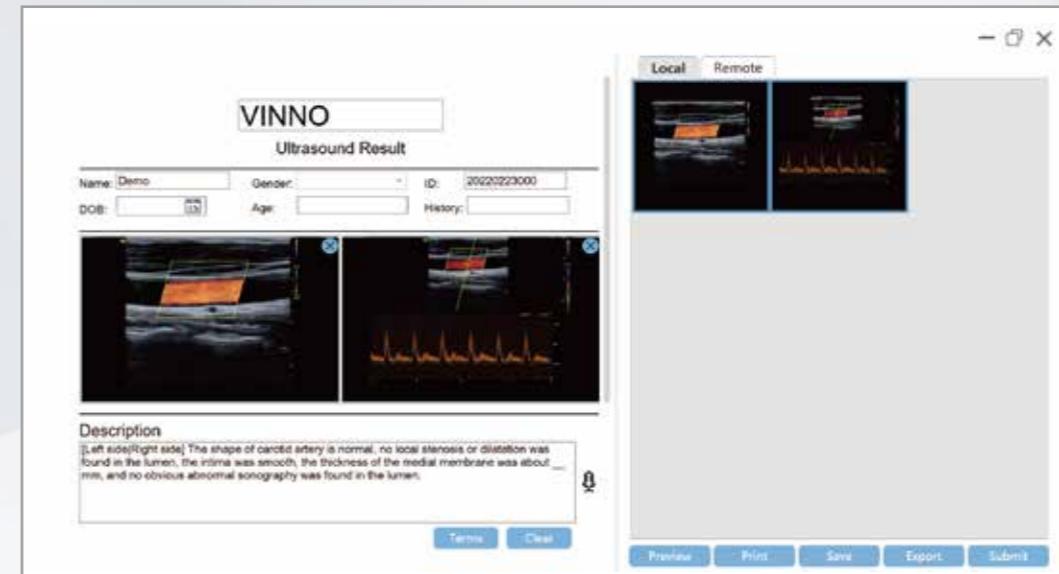
Expert consultation  
and guidance

## Remote Online Software Version Update

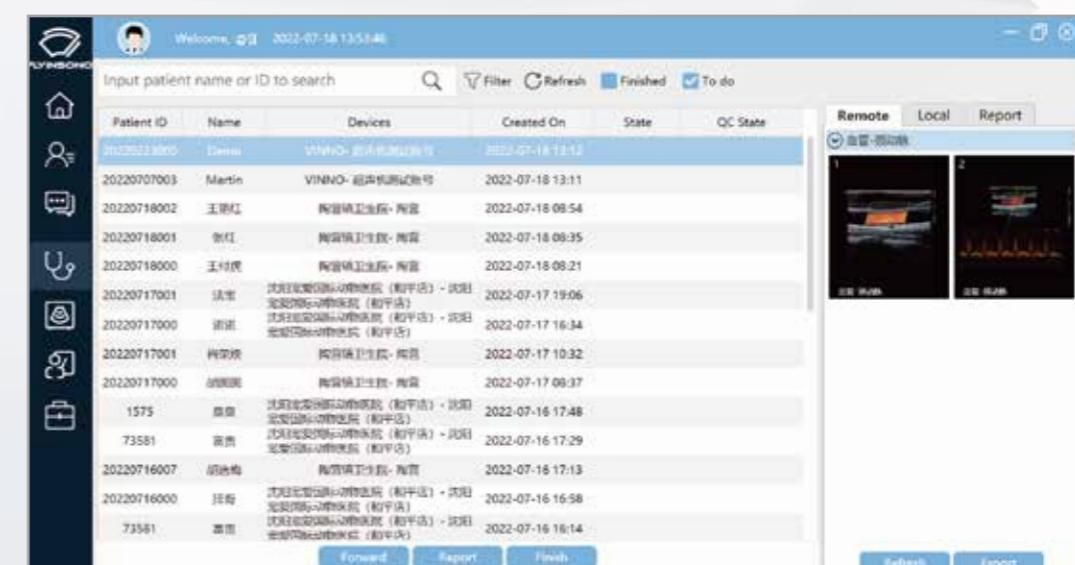
When the current software version requires update, the user can directly click on the “About” interface of the application software after the smart terminal is connected to the Internet.



## Remote Editing to Generate Graphic Reports



## Data Transmission



# VINNO P Series Accessories

We've designed the accessories with protection and easy-to-use in mind. The customized versatile probe storage box, light backpack and robust suitcase offer a highly mobile wireless ultrasound solution with high-level protection to carry around. The durable and easily maneuverable tablet stand and tablet cart simplify plenty of tasks with hands-free experience. The 3rd party disinfectant and wipes offer an easy-to-use and effective sterilization option.



Customized probe storage  
box and light backpack



Adjustable tablet  
stand for desks



Aluminum suitcase



Tablet stand  
for walls



Disinfectant  
and wipes



Tablet cart with  
small footprint

