



# QBit 9

Smart Ultrasound



**CHISON**  
Value Beyond Imaging

Wi-Fi (Available)

# Ergonomics

FLUOROWIC2

LED foldable  
up & down for 0~90°



The LED screen can  
be rotated left and right 0~90°  
to allow different viewing  
angles of patients and operators

Stereo audio system,  
facing to operators.

Floating keyboard with  
left/right rotation 0~45°,  
up/down height adjustment  
0cm~15cm



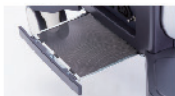
Streamlined workflow,  
simplified keyboards  
with backlit keys.



USB ports on the keyboard,  
to allow easy access.

## Hero Kit

Innovation Design for  
easy maintain. Do the  
maintain without any  
training!



Removable dust filter.



Print paper face to the front,  
for easy access.

35.6 cm  
Small foot print

Four wheels with locks



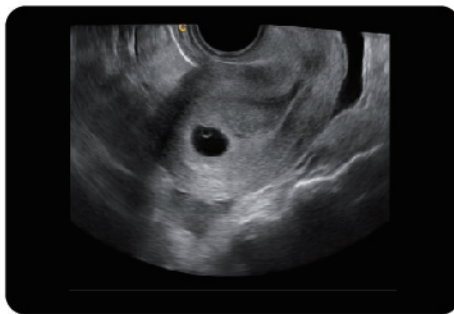
# Virtual HD

- The latest innovation in real-time 4D with powerful turbo imaging engine.
- Greatly strengthen the bond between mother and fetus.
- With moveable virtual light source.

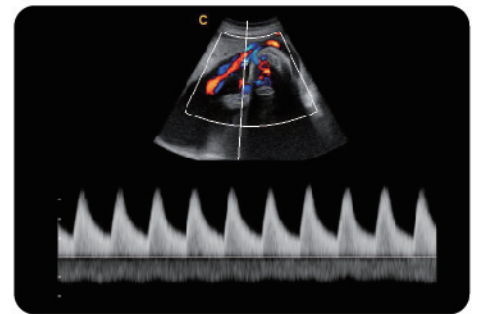
## Women's health



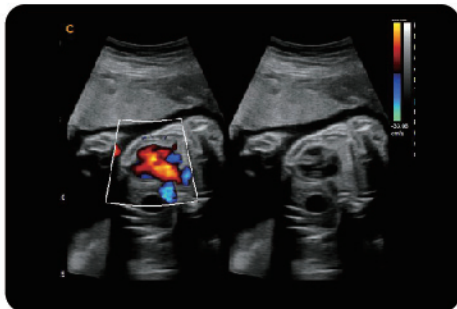
Fetal Brain,B Mode



Gestational Sac,B Mode



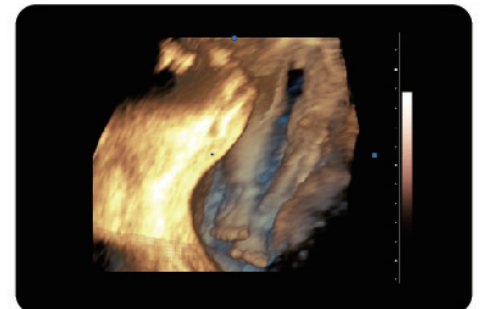
Umbilical Cord,D Mode



Fetal Heart,B/BC Mode



Fetus,Depth View



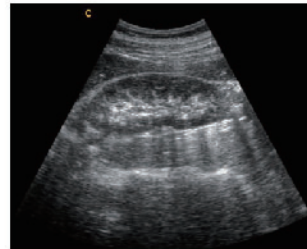
Fetal Leg,Depth View

# Advanced

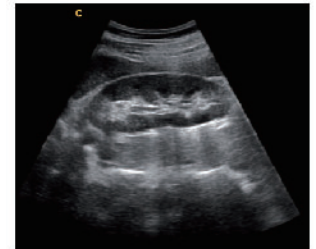
# Technologies

## Q-image

- These innovative algorithms have tripled the image enhancement results to a quantum level, images are sharper and details are more vivid.
- The advanced chipset ensure the frame rate.



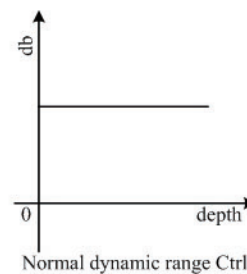
OFF



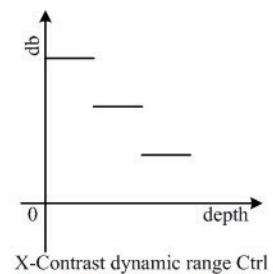
ON

## X-contrast

- Greatly enhance the contrast resolution of different tissues by improving the signal-to-noise ratio.
- Activated by one key, automatically detect different tissues and improve the contrast accordingly. Ensure the unprecedented diagnostic confidence.



Normal dynamic range Ctrl



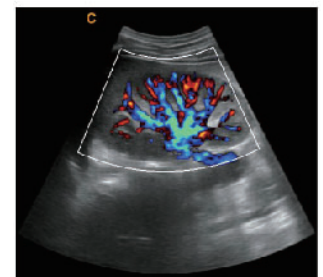
X-Contrast dynamic range Ctrl

## Q-flow

- Maximize the color sensitivity by automatically distinguishing different tissues and detecting its color flow accordingly.
- Better color sensitivity even for low velocity flow and small vessels.



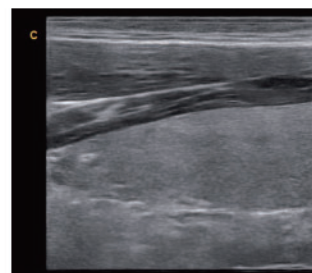
OFF



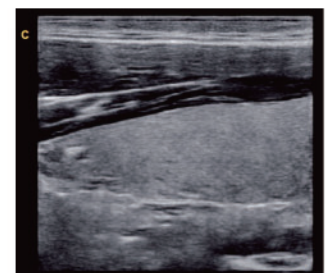
ON

## Q-beam

- Adaptive beam former optimization, optimize the beam-former according to different probes and scanning positions, so as to improve the efficiency of transmission and receiving of signal.
- Easier and quicker to get a better image on different patients and different positions, even for difficult and old patients.



OFF



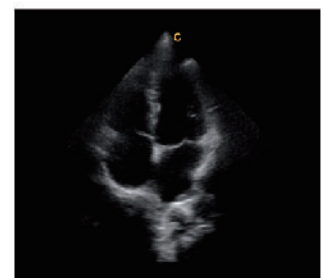
ON

## FHI

- An innovative technology that using different transmission and receiving methods for different body sized patients, to maximize the resolution without losing the penetration.
- Better than traditional THI and phased harmonic which compromise the penetration.



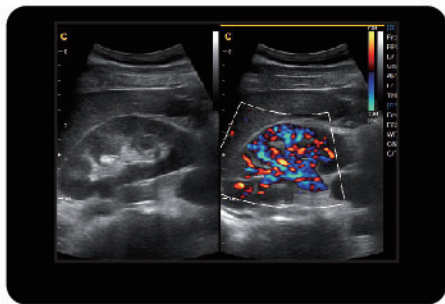
OFF



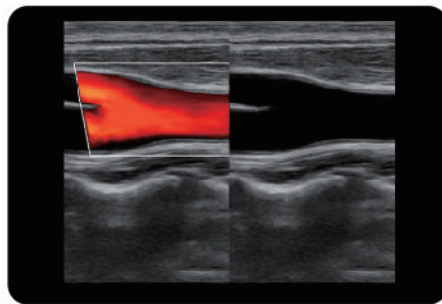
ON



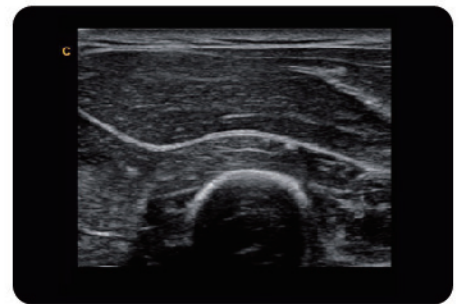
# General Imaging Small Parts



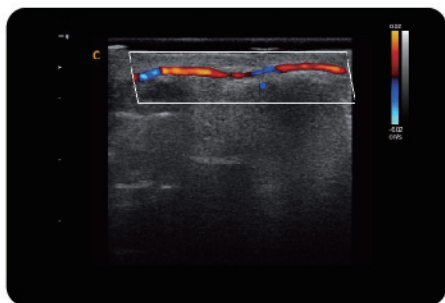
Kidney, B/BC Mode



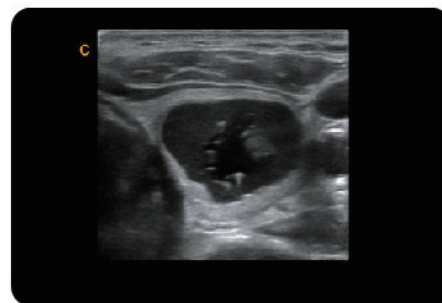
Carotid, B/BC Mode



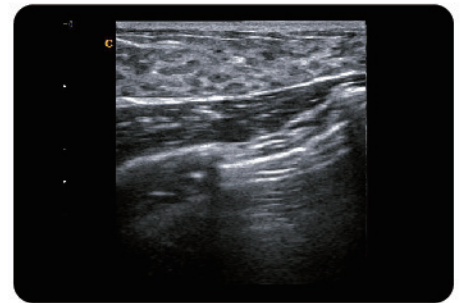
Elbow Point, B Mode



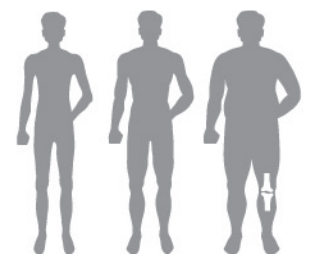
Finger Vessel, C Mode

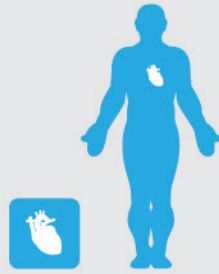


Thyroid Adenoma, B Mode



Breast, B Mode





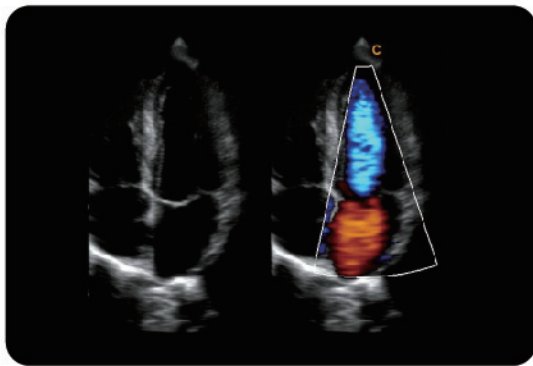
# Premium

Cardiovascular Performance

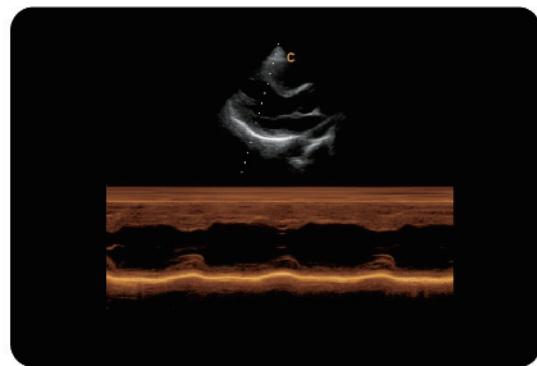


We believe that only best image quality allows a diagnosis to happen quickly and with confidence.

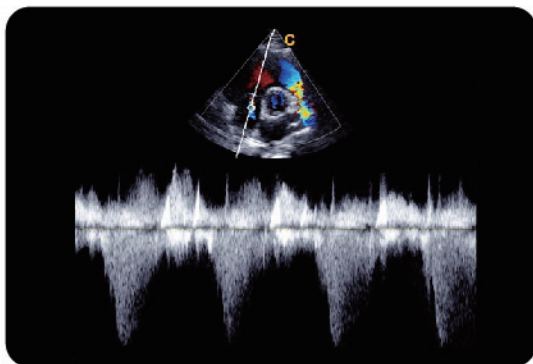
QBit 9



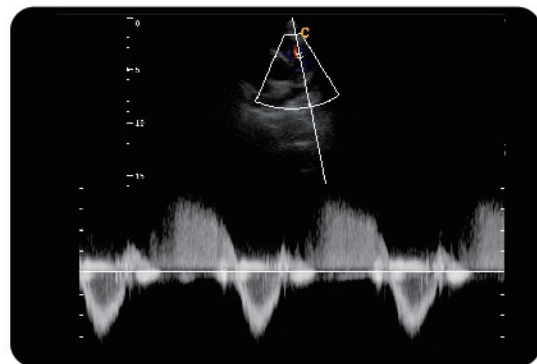
Four Chambers View,B/BC Mode



Cardiac Function,M Mode



Tricuspid Regurgitation,CW Mode

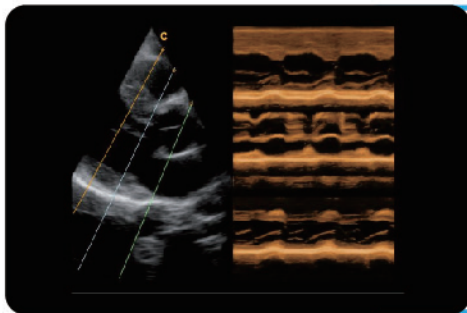
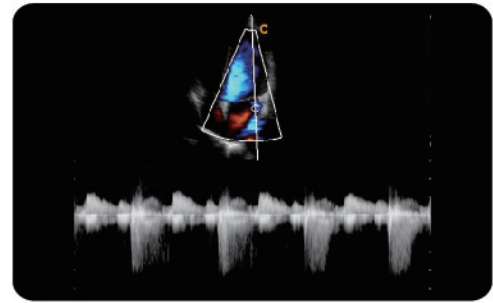


Pulmonary Regurgitation,PW Mode

## Continuous Wave (CW)

### Doppler

Detect blood flow with high velocity and help doctors diagnose with more clinical information.

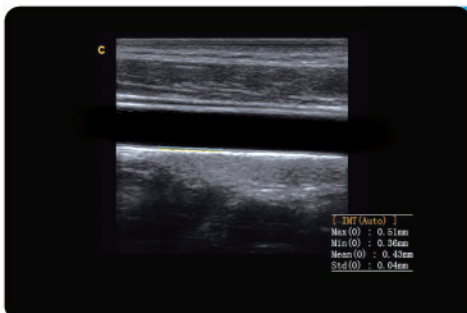
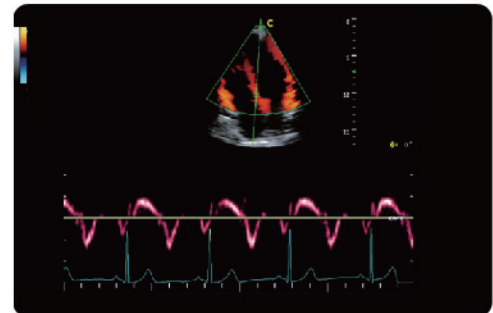


### Free Steering M Mode

The cursor line can be rotated in 360 degree and adjusted to the position you want. Moreover, there are three cursor lines that can be adjusted in same phase, which greatly enhance the diagnostic efficiency.

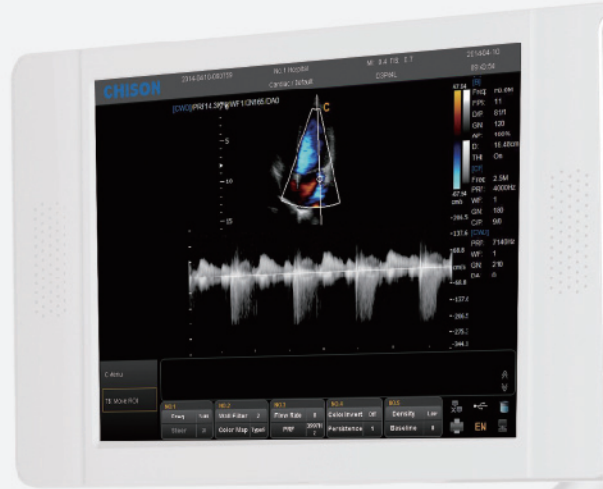
## Tissue Doppler Imaging (TDI)

Tissue Doppler imaging is a novel echocardiography technique that directly measures myocardial velocity. Systolic TD measurements assess left and right ventricular myocardial contractile function. Diastolic TD values reflect myocardial relaxation.



### IMT Function

Automatically traces the intima, and measures the thickness of the intima. This allows you to measure the intima faster, more easily and more accurately.



# QBit 9

## Smart Ultrasound



2.0MHz-6.8MHz Convex  
D3C60L



4.0MHz-15.0MHz Linear  
D7L40L



7.0MHz-18.0MHz(With THI) Linear  
D12L40L



4.0MHz-15.0MHz Linear  
D7L60L-60mm



4.0MHz-12.0MHz Transvaginal  
D6C12L



1.5MHz-5.3MHz Phased array  
D3P64L



4.0MHz-15.0MHz Transvaginal  
D7C10L



2.0MHz-6.8MHz Volume  
V4C40L



2.0MHz-6.8MHz Micro-Convex  
D3C20L



4.0MHz-10.7MHz Micro-Convex  
D5C20L



4.0MHz-12.0MHz Micro-Convex  
D6C15L



2.0MHz-8.0MHz Phased array  
D6P64L

## CHISON MEDICAL IMAGING CO., LTD.

### Sales & Service Contact Address:

No. 9 Xin Hui Huan Road, New District, Wuxi, Jiang Su Province, China214028

TEL: 0086-510-85310593 / 85310937 FAX: 0086-510-85310726 EMAIL: export@chison.com.cn

We reserve the right to make changes to this catalogue without prior notice  
Please contact our local dealer for the latest information.

EQBit 9 150420