

Approved by FDA&CE

# QBit 7

Experience the Ultra-Mobility

**CHISON**  
Value Beyond Imaging

[WWW.CHISON.COM](http://WWW.CHISON.COM)

# Ergonomics

## FLUOROWICA

19" LED up & down  
90° foldable



The LED screen can be rotated left and right  $-90^{\circ}\sim 90^{\circ}$  allow different viewing angles of patients and operators

Stereo audio system



Floating keyboard with left/right rotation  $-45^{\circ}\sim 45^{\circ}$ , up/down height adjustment 0cm~15cm



Backlit keys

USB ports



Removable dust filter.



Print paper face to the front, for easy access.

Built-in battery 80min (option)



Four wheels with locks

35.6 cm  
Small foot print

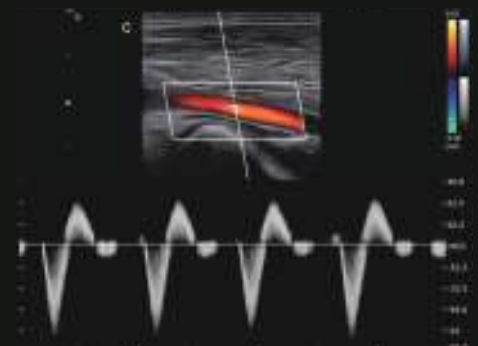
# General Imaging



Brachial Plexus, B Mode



Kidney ,PD Mode



Femoral Artery ,PW Mode

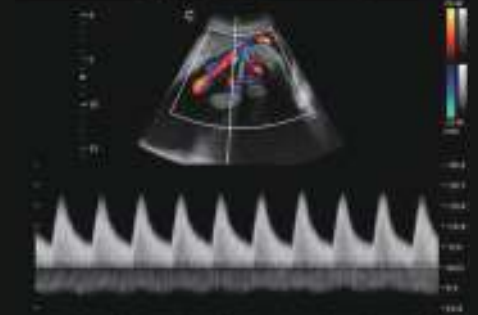
# Women's Healthcare



Fetal Heart, B Mode



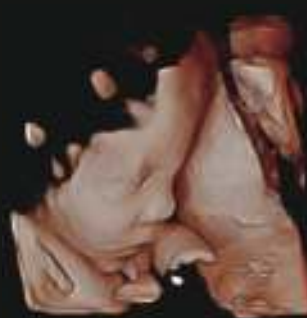
Early Pregnancy, B Mode



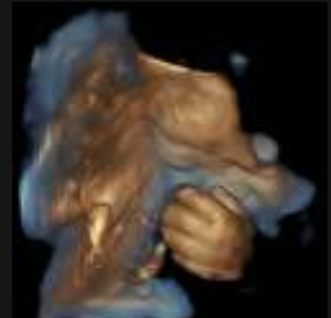
Umbilical Cord, PW Mode



Fetal Body, 4D Mode



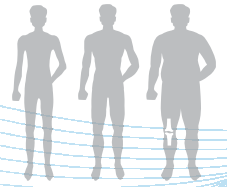
Fetal Face, Virtual HD



Fetal Hand, Depth View

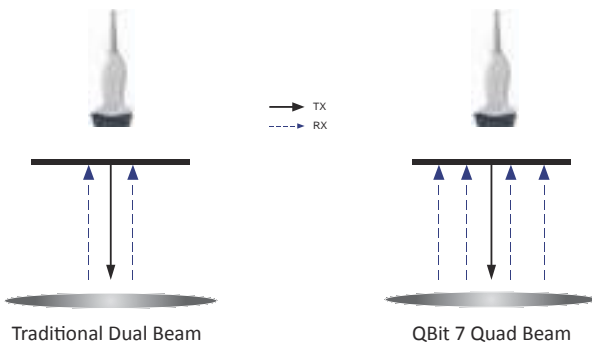
# Advanced

# Technologies



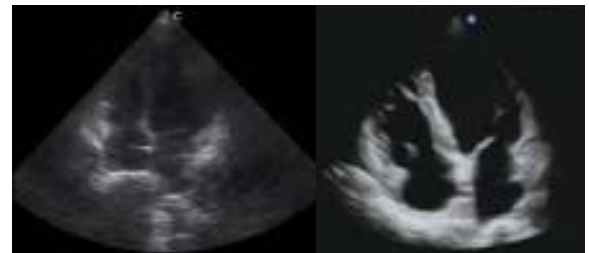
## Q-beam

- Compared to the traditional dual-beam former on most ultrasound machines, the QBit uses quad-beam technology for ultrasound signal receiving.
- Doubles the volume of signals received over traditional methods, increasing image resolution and generating more accurate images.
- Produces higher frame rates, ensuring better diagnostic confidence and efficiency, especially for moving organs.



## FHI

- FHI is an innovative harmonic imaging technology that uses multiple transmission and receiving methods based on the patients' size and weight. This allows the QBit to maintain image resolution when imaging larger patients.
- Traditional Tissue Harmonics and Phased Harmonics compromise image quality and resolution when penetration is increased.
- Chison's FHI technology greatly improves diagnostic abilities and clinical confidence in larger, difficult-to-image patients.

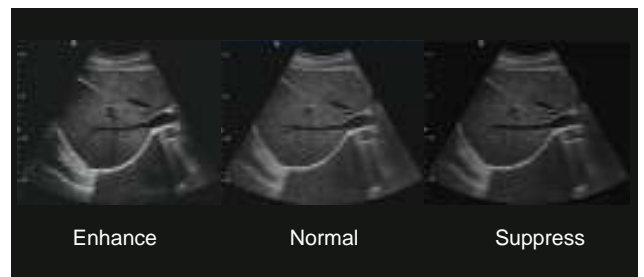


FHI OFF

FHI ON

## X-contrast

- The QBit allows one-touch user-adjusted contrast resolution based upon differences in tissue density.
- Enhance, Normal, and Suppress settings increase or decrease contrast resolution, based on the tissue type and user preference.



## Q-flow

- This adaptive color detection technology can automatically adjust the assessment of color signal and noise according to different tissues.
- As a result, color sensitivity of low-velocity flow is significantly enhanced.





# Cardiology

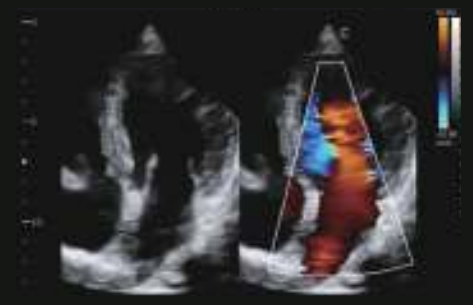
## Performance



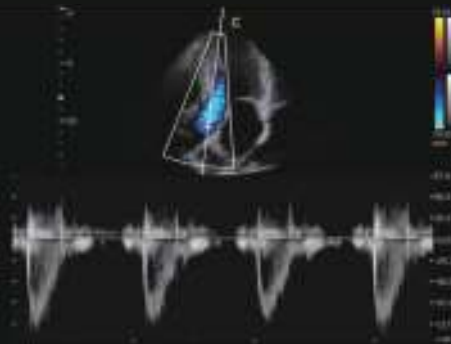
MV Short Axis View,B Mode



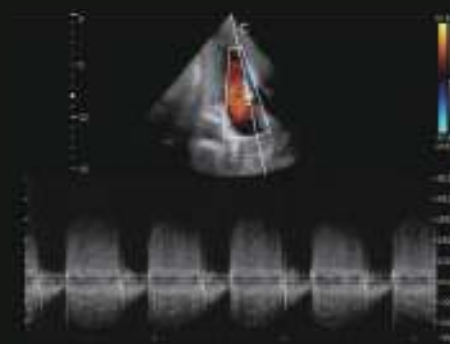
Papillary Muscle Short Axis,B Mode



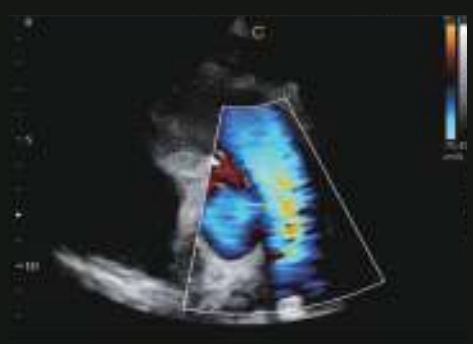
MV Regurtation,B/BC Mode



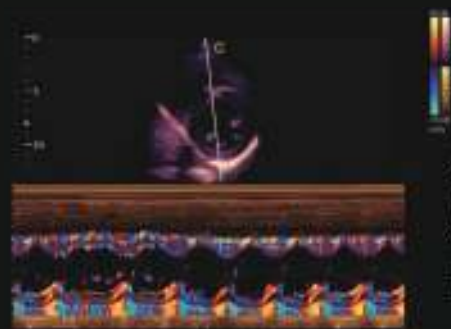
Aorta Valve,PW Mode



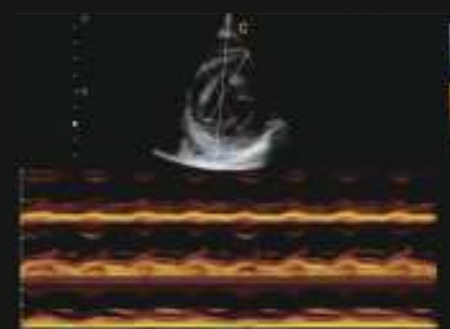
Cardiac Two Chambers,CW Mode



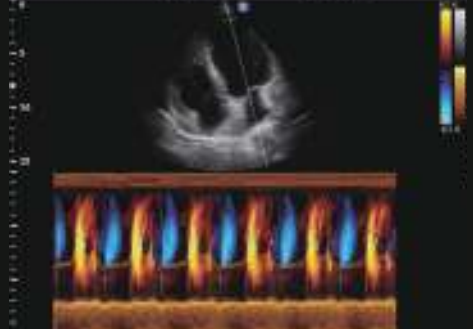
Aorta Short Axis View,C Mode



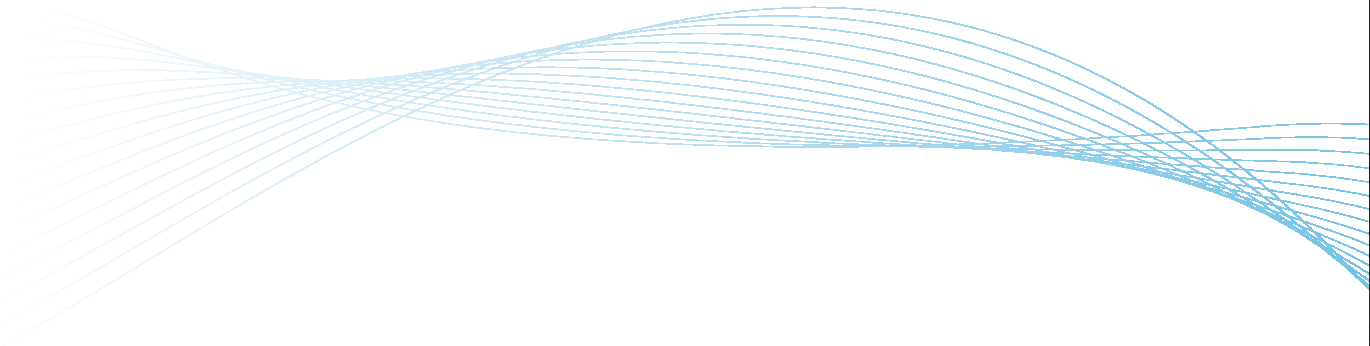
Papillary Muscles,TDI M Mode



MV Short Axis View,Free M Mode



Apical Four Chambers,Color M Mode



Convex D3C60L



Linear D7L40L



Linear D12L40L



Linear D7L60L-60mm



Transvaginal D6C12L



Transvaginal D7C10L



Trans Rectal D7L40L-REC



Micro-Convex D3C20L



Micro-Convex D5C20L



Micro-Convex D6C15L



Volume V4C40L



Phased array D3P64L



Phased array D6P64L

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