

**CHISON**  
Value Beyond Imaging



 **Bit 6**  
Experts within Touch

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



# Industry-leading Design

19 inch HD LED monitor  
Rotatable:  $\pm 90^\circ$



Gel warmer (optional)  
Temperature adjustable



Elegant Control Panel



Dedicated video printer socket

Facing front CD/DVD recorder

Built-in Battery (optional)

Four probe connectors



**Smart Standby Mode**  
· Smart backstage management enables extended battery life  
· Instant power-on



Dual-screen display for better view

Easy to slide

## DUAL SCREEN DISPLAY

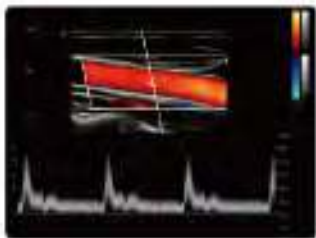


# SUPERIOR WORKFLOW



### ▶ Intelligent Focus

- Automatically detect the focus position according to the depth
- Focus on the interesting area to improve the quality
- Efficient and intelligent



### ▶ Intelligent Doppler (Optional)

- Automatically adjust the ROI direction and PFR in color mode and doppler gate in PW mode
- Saving time, Efficiency
- Much easier for the sonographer



### ▶ Raw data

- Provide the freedom to perform image adjustments;
- Speedy scanning time, save the processing time
- Efficiency and fast

### 19 inch HD LED monitor



- 90% image area
- full screen function, deliver the large image;

### 10.1 inch HD touch panel



- Super responsive
- Ergonomic tilting ensures all-dimensional, multi-angle visualization;
- Customized layout, just one-touch operation ease of use.

# Advanced Tools for Optimized Healthcare



4D



Depth View



Virtual HD

## ► Wide angle TV probe

- Up to 210° extremely wide angle
- Provide more diagnostic information
- Save time, improve the efficiency



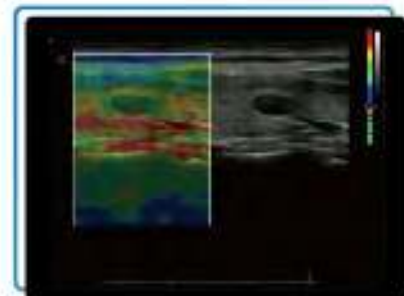
## ► Auto Breast Lesion Detection

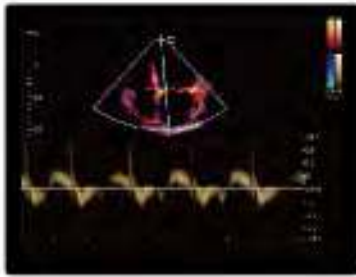
- Automatically detect breast lesion
- Provide the size
- Efficient for the diagnosis



## ► Quantitative Elastography

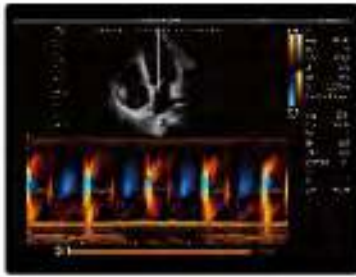
- Display the elasticity of different tissues in different color
- Provide more clinical information, especially for breast tumor, thyroid, liver and prostate
- Strain ratio measurement quantitatively gives the ratio between the average strain of the selected region and of the nearby normal tissue region.
- Available on versatile transducers.





## 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.



## Color M

- Provide cardiac movement information efficiently
- Display corresponding blood flow direction information
- Easy to detect regurgitation



## Free Steering M Mode

- Obtain accurate cardiac function analysis data.
- Obtain accurate cardiac measurement parameters of any section and any Angle
- Excellent and convenient for difficult patient examination



## Auto IMT

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





## Real Time Panoramic ▶



### Smart HIP

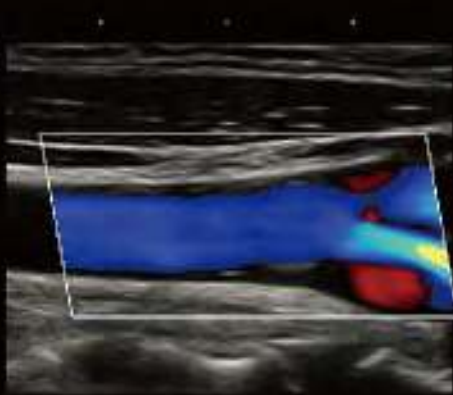
- Use a graph for hip orthotics diagnosis, help clinicians to give a more easier and more accurate diagnoses during the pediatric hip scanning.
- Different angles indicate different level of hip deformity, which is more easier and obvious to see with the aid of the graph. (I, II, D, IIIa, IIIb).

### HD CZoom

- Zoom the color information , remain the high resolution
- Important for the small vessel blood information detection, especially for the fetal heart diagnosis.

### Virtual Convex

- Enlarge the scanning area in convex probe , same as convex trapezoid
- Better for the big organ display, especially liver, kidney through the rib space



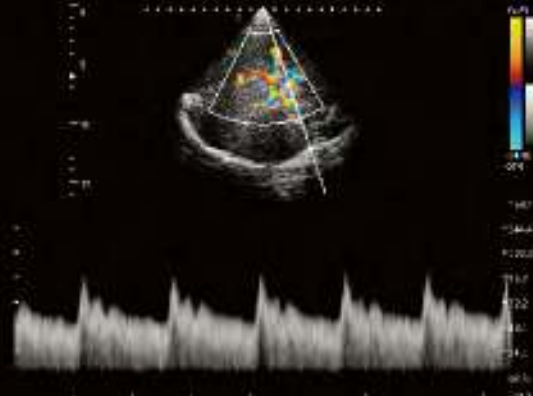
Carotid Plaque, C Mode



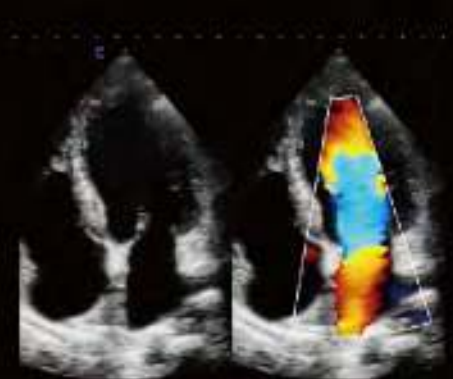
Papillary Short Axis View, B Mode



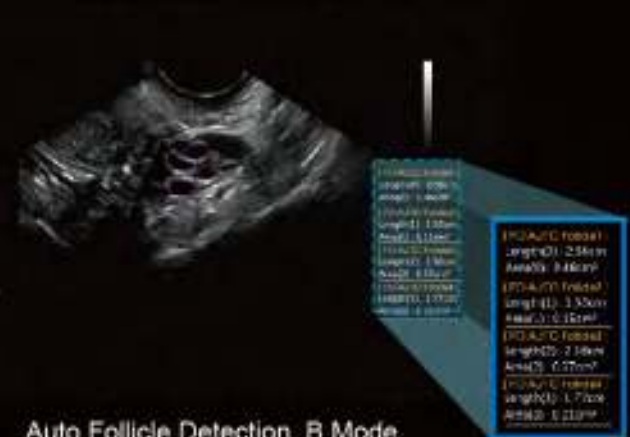
Fetal Face, Virtual HD



Transcranial, PW Mode



Four Chambers View, B/BC Mode



Auto Follicle Detection, B Mode



Pediatric Cerebral Tumor, B Mode



Hydronephrosis, B Mode



# WIDE VARIETY OF TRANSDUCERS



2.0MHz-6.8MHz  
Convex D3C60L



7.0MHz-18.0MHz  
(With FHI) Linear D12L40L



4.0MHz-15.0MHz  
Linear D7L40L



2.0MHz-6.8MHz  
Volume V4C40L



4.0MHz-15.0MHz  
Transvaginal D7C10L



4.0MHz-12.0MHz  
Transvaginal D6C12L



1.5MHz-5.3MHz  
Phased array D3P64L



2.0MHz-8.0MHz  
Phased array D5P64L



2.0MHz-6.8MHz  
Micro-Convex D3C20L



4.0MHz-12.0MHz  
Micro-Convex D6C15L

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