

# CHISON

Value Beyond Imaging

# SonoMax 7<sup>TM</sup>

Premium Imaging for Exceptional Healthcare





**CHISON SonoMax 7** a top-of-the-line cart-based ultrasound system that embodies a perfect blend of style and functionality. Designed with an unwavering attention to detail, its sleek and ergonomic design offers both comfort and exceptional performance. SonoMax 7 delivers the accuracy and versatility medical professionals need to provide the best possible patient care. With its advanced features and intuitive interface, CHISON SonoMax 7 sets a new standard for premium ultrasound systems.

### **MAX** Clarity

FHI+ employs advanced digital signal processing algorithms to significantly improve both resolution and penetration.

### **MAX** Precision

Fine-tune transmit waveforms for multi-frequency energy distribution and precise receive frequency control for image uniformity and contrast resolution.

### **MAX** Performance

Coherence beamforming technology improves SNR via digital signal processing, optimizing signal path, reducing noise, and enhancing signal.





# PREMIUM DESIGN



**23.8"** large size HD LED screen for higher clarity

**15.6"** Angle adjustable touch screen

Gel warmer

**12° tilt** keyboard for extreme comfort

**Bigger** trackball make control with ease

Flexible height adjustment with **20CM** lifting range

ECG port  
Pencil Probe port

**Hero Kit**

**Pinless Port**  
**4** Transducer Connectors with Stylish Lights  
( 5 Transducer Connectors Option )

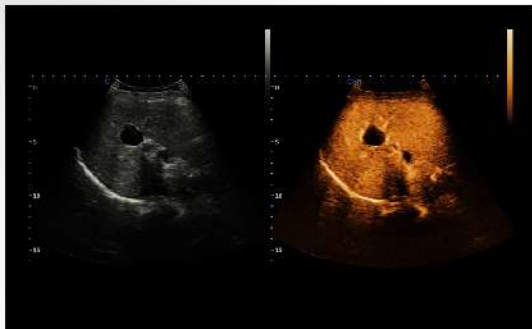
*Ease of transportation*

*Innovative service solution*



# GENERAL

## SonoContrast

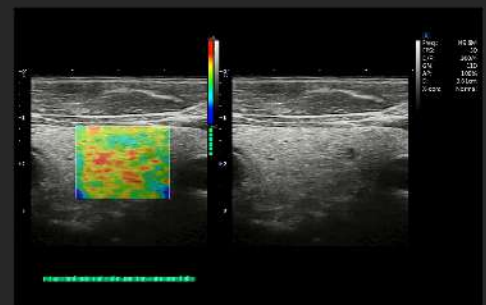


- Developed to visualize the micro-circulation in tissue, that is, the blood flow in imperceptible blood vessels.
- Potentially be used to improve diagnosis and therapy in several clinical situations.
- More sensitive, better performance.

## Shear Wave Elastography



- P-SWE point shear wave imaging, high precision singlepoint measurement, higher penetration.
- 2D-SWE surface shear wave imaging, real-time two-dimensional measurement to obtain more diagnostic information.
- The system can provide variety of quantitative analysis parameters, such as velocity values, Young's modulus and so on.



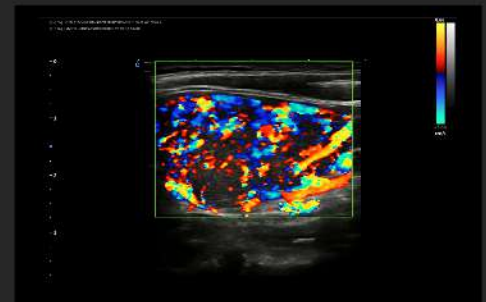
Thyroid, Elastography



Pleural and Abdominal Effusion



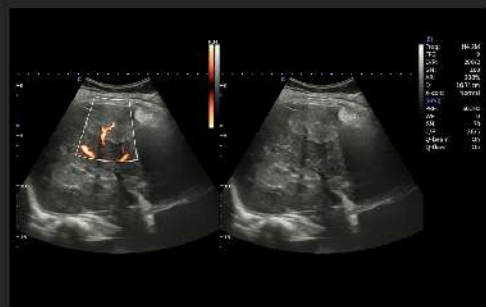
Kidney, MVI



Hyperthyroidism, C Mode



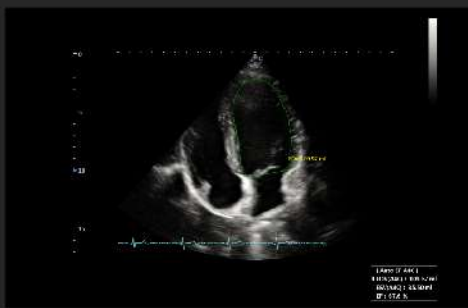
Thyroid Nodule, MVI



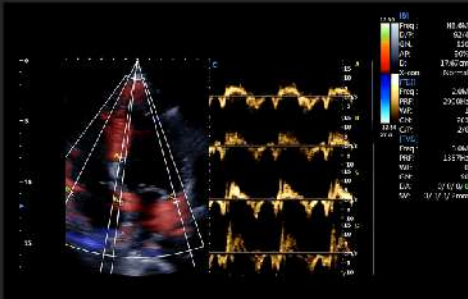
Liver, MVI



# CARDIOVASCULAR



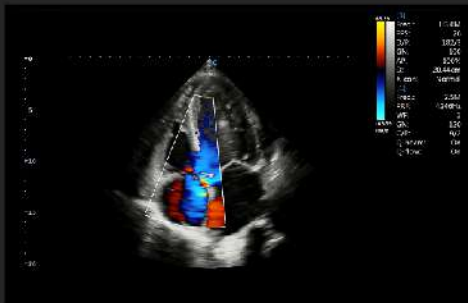
A4C, Auto EF



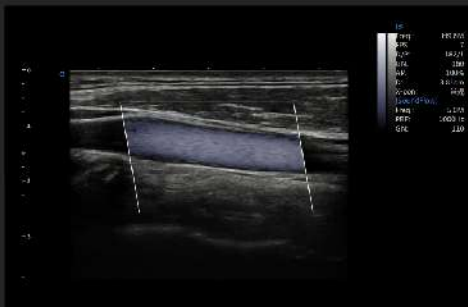
TDI-SonoPW



Pericardial Effusion



Four Chambers View, C Mode

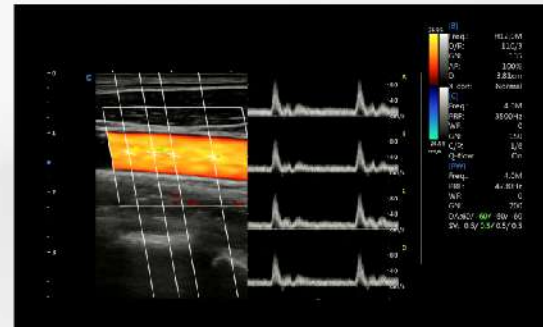


SoundFlow



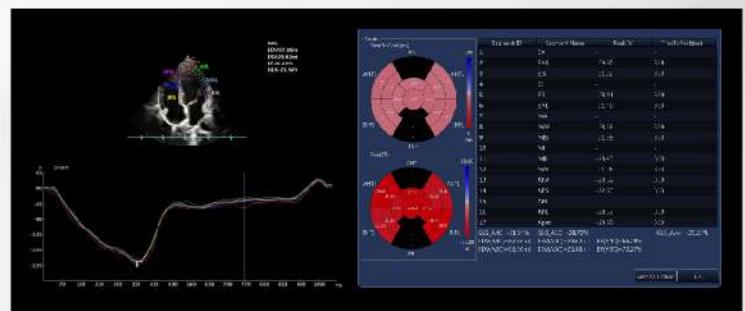
TEE

## SonoPW



- The sample gate can be extended to 4 during PW mode.
- It can switch and active each sample gate to realize multi-point spectrum measurement in the same cardiac cycle at the same scanning plane ; Support synchronous display of spectrum and speed value.

## Strain and Strain Rate



- A new non-invasive method for assessment of myocardial function.
- Ability to differentiate between active and passive movement of myocardial segments, to quantify intraventricular dyssynchrony.
- To evaluate components of myocardial function.





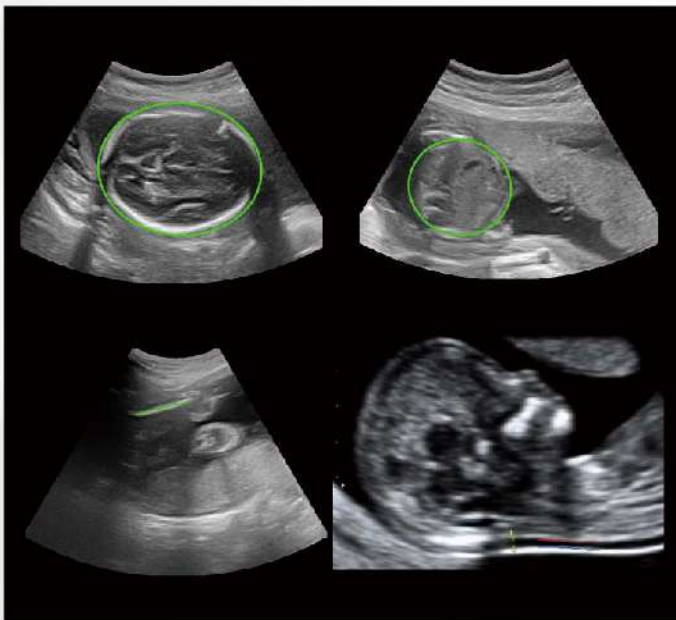
# WOMEN'S HEALTHCARE

## Volume Flow



- A three-dimensional technology which can provide the real-time visualization of hemodynamics blood flow with a density appearance.

## SonoOB



- Automatically measure: BPD, HC, AC, FL, NT.
- Efficiency and accuracy.



Fetal Face, Virtual HD



Fetus Abdomen, B Mode



Fetus, B Mode



Breast Nodule, NanoFlow



MCA, C Mode



Uterus , 210°



# PREMIUM VERSATILITY

## Convex Probe:



## Phased Array Probe:



## Linear Probe:



## Trans-vaginal Probe:



## Trans-Rectal Probe:



## Volume Probe:



## Micro Convex Probe:



## Pencil Probe:



## Bi-plane Probe:



## TEE Probe:



# SonoFamily

*Re-Think, Re-Define, Re-Build, Re-Educate the Future of the Ultrasound*



**SonoEye™**



• **SonoMax™** •



**SonoAir™**

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