

**SIUI**



**MIAI**

Anything, Anytime, Anywhere  
Live Service for Imaging

# Apogee 1000

## DIGITAL COLOR DOPPLER ULTRASOUND IMAGING SYSTEM



**SIUI**

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SIUI Healthcare



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Apogee 1000 EN 12230419

# AMAZING VERSATILITY

Featuring Realview<sup>+</sup>, an innovative imaging platform that includes advanced imaging technologies, Apogee 1000 presents significantly updated image quality at a faster response speed and amazing versatility in different applications.

Lightweight, net weight of  
6.1 kg (including 2 batteries)

15-inch high resolution and  
angle-adjustable monitor

Backlit keyboard

Detachable lithium battery

Height-adjustable trolley



## SMOOTH USER EXPERIENCE

### Understand you more.

- ▶ **Pop-up window** appears when pressing power button, offering options of shutdown, hibernation or wake up
- ▶ **Zoom-in Cursor** is automatically activated during measure line tracing and small lesions viewing
- ▶ Scanning can be **paused and resumed** anytime
- ▶ **Data protection mechanism** safeguards information from loss through backup and recovery

### Support fast operation.

- ▶ **Navigation Bar** visualizes buttons, offering operation guidance
- ▶ **Pinned worksheet** allows multiple measurements preview without exiting the scanning page
- ▶ **S-view** offers images or cines comparison between different patients or previous results

### Tailor to your needs.

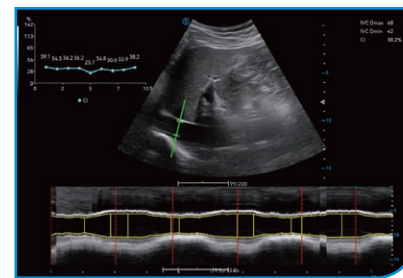
- ▶ Abundant **measurement and calculation packages** available for customization
- ▶ **S-station** allows tailoring report templates and thesaurus to specific needs (e.g., cardiology, GYN/OB, MSK)



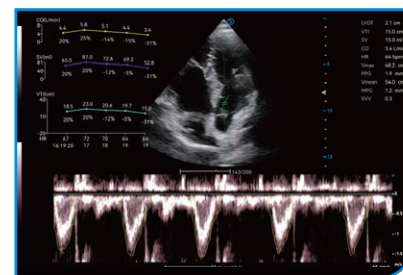
# DIAGNOSE WITH CONFIDENCE

## Cardiology

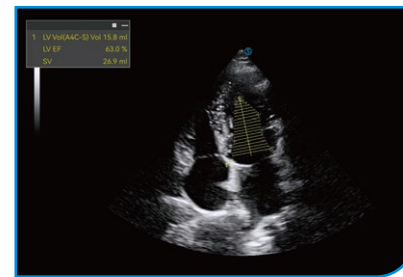
**Auto IVC** tracks and measure IVC and SCI automatically and accurately to enhance diagnosis efficiency, especially quickly evaluate blood volume status during intensive care as well as the right atrial pressure.



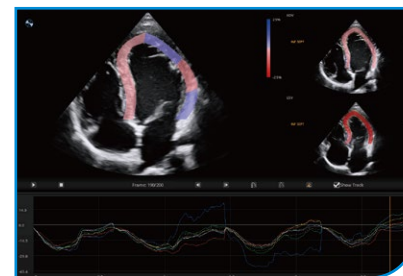
**Auto VTI** identifies ejection spectrum and calculates VTI automatically to reveal SV, CO and other important hemodynamic parameters in real time curve to facilitate dynamic evaluation of patient status.



**Auto EF** automatically traces the endocardium during systole and diastole cycle and calculates the EDV and ESV to output an accurate EF result.



**Auto SG** automatically evaluates LV global strain and segmental wall motion, with a Bull's Eye displays precise analysis of LV GLS and LV WMS.



### P3

- Phased Array Probe  
Center Frequency: 3 MHz



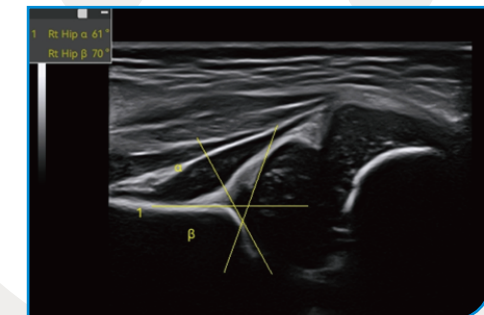
### TEE Probe

- Special Probe  
Center Frequency: 5 MHz

## Pediatrics

**Neonatal brain automatic section recognition** greatly enhances diagnostic efficiency by automatically recognizes, slices, and locates 12 standard sections corresponding to the brain 20times faster than manual operation.

**Auto hip joint measurement** automatically identifies, tracks and measures outcome with one click to reduce manipulation difficulty, making efficient early detection possible.



As pediatric patients have smaller anatomies compared to adults, pediatric examination requires probes with smaller footprints.



### V6LN

- Micro Convex Probe  
Center Frequency: 6.5 MHz

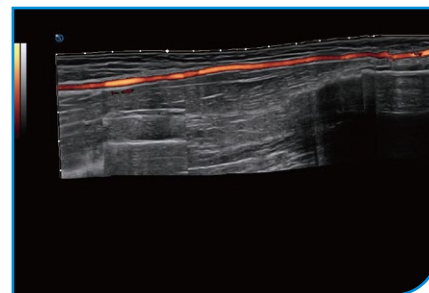


### P5

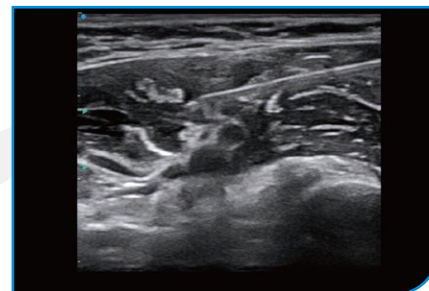
- Phased Array Probe for Children  
Center Frequency: 5 MHz

## MSK

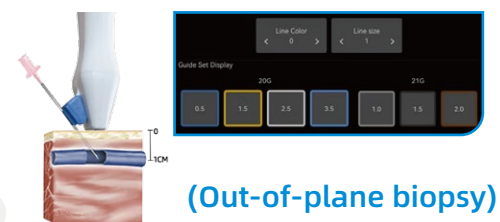
**Panoscope** provides a color panoramic view of large tissues and vessels in real time, which is very useful to spot lesions.



**Needle Enhancement** improves the visibility of the needle and highlights the needle tip, facilitating better visualization and accuracy during in-plane or out-of-plane biopsy.



**Out-of-plane biopsy** gives more flexibility for adjusting needle direction. Various presets of needle size and depth are available.



(Out-of-plane biopsy)

**In-plane biopsy** allows you to see the whole needle and needle tip.



(In-plane biopsy)



### L10LN

- Hockey Stick Probe  
Center Frequency: 10MHz



### L10LC

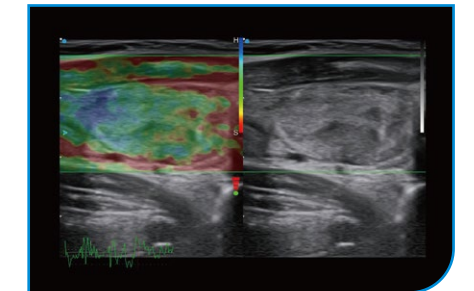
- Linear Probe  
Center Frequency: 10 MHz

## Radiology

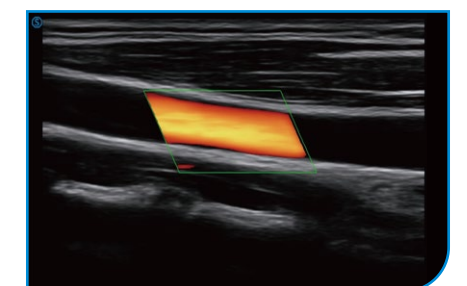
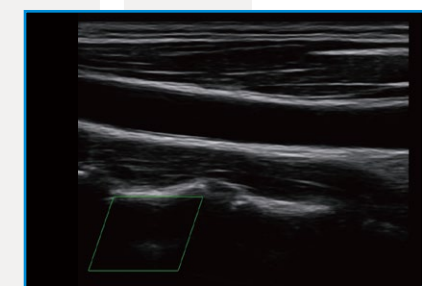
**Contrast Harmonic Imaging (CHI)** uses less contrast agent to visualize thyroid, liver and oviduct structure, boosting diagnostic outcome with improved image resolution and sensitivity.



**Strain Elastography** offers a real-time tissue stiffness assessment to detect potential abnormalities within normal tissue.



**Auto Flow** finishes the recognition of blood vessel and optimization of the sampling angle and size all by itself to save your time.



### L8LC

- High Density Linear Probe  
Center Frequency: 7.5 MHz



### C3LN

- Convex Probe  
Center Frequency: 3.5 MHz