



Apogee 1000

DIGITAL COLOR DOPPLER
ULTRASOUND IMAGING SYSTEM



SIUI

AMAZING VERSATILITY

Featuring Realview⁺, 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

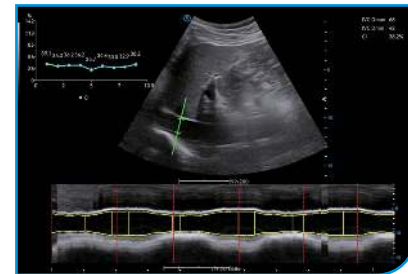
Tailor to your needs.

- ▶ 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)

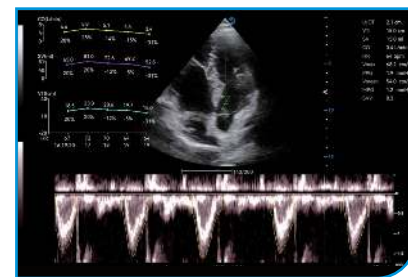
DIAGNOSE WITH CONFIDENCE

Cardiology

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



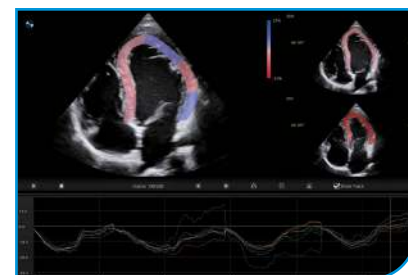
Auto VTI identifies ejection spectrum and calculates VTI automatically to reveal SV, CO and other important hemodynamic parameters in real time curve to facilitate dynamic evaluation of patient status.



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



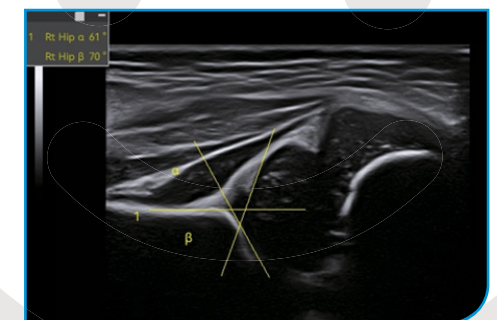
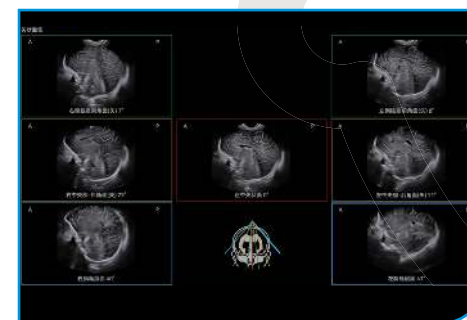
Auto SG automatically evaluates LV global strain and segmental wall motion, with a Bull's Eye displays precise analysis of LV GLS and LV WMS.



Pediatrics

Neonatal brain automatic section recognition greatly enhances diagnostic efficiency by automatically recognizing, slicing and locating the 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.



P3

- Phased Array Probe
Center Frequency: 3 MHz



TEE Probe

- Special Probe
Center Frequency: 5 MHz



V6LN

- Micro Convex Probe
Center Frequency: 6.5 MHz

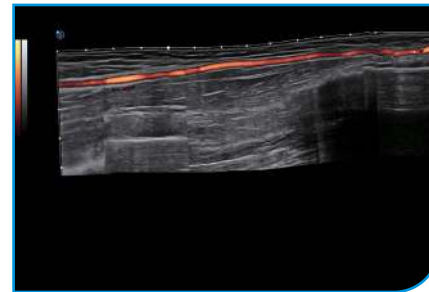


P5

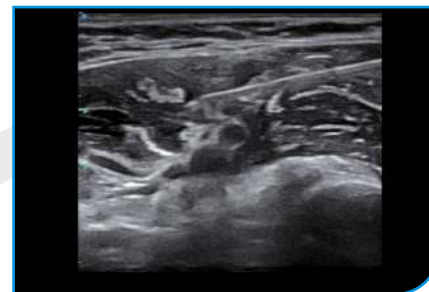
- Phased Array Probe for Children
Center Frequency: 5 MHz

MSK

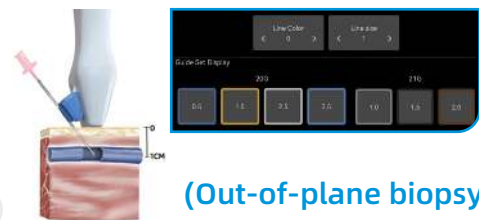
Panoscope provides a color panoramic view of large tissues and vessels in real time, which is very useful to spot lesions.



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

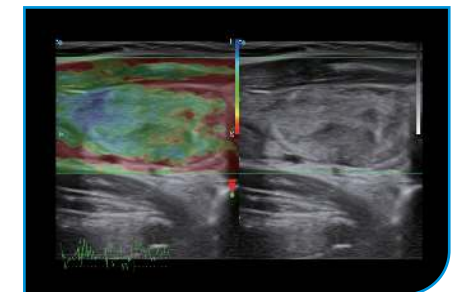
- Linear Probe
Center Frequency: 10 MHz

Radiology

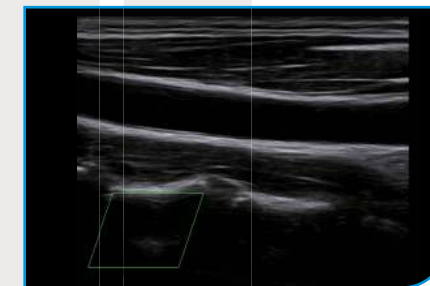
Contrast Harmonic Imaging (CHI) uses less contrast agent to visualize thyroid, liver and oviduct structure, boosting diagnostic outcome with improved image resolution and sensitivity.



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

sun-medical.hu



MAI

Anything, Anytime, Anywhere
Live Service for Imaging



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