See the future

SIUI

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SIUI SIUI

Apogee 6500/EN190319V1.0

SIUI

Apogee 6500

An Expert by Your Side

Powered by RealView

Light up your day like an expert.

SIUI has been dedicated to development of ultrasound systems since its inception in 1963. Apogee 6500, the newly launched product, is the best proof of SIUI's perseverant endeavor in ultrasonic innovations throughout the decades. Rolling out a variety of exceptional technologies, we hope to express our continuous care for your genuine needs. We believe, Apogee 6500 will offer powerful support in your routine work, just like **an expert by your side.**

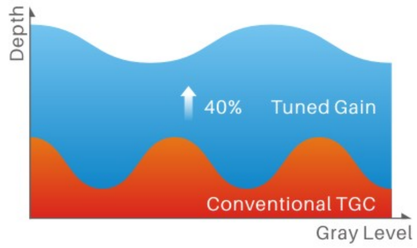
Innovative platform plus outstanding transducer enable a responsible scanning

Powered by the cutting-edge **RealView** imaging processing technology and the up-to-date specialized transducer technology, the Apogee 6500 achieves a 70% upgrade in the overall operational performance.

Powered by RealView

Tuned Gain

Through Tuned Gain, the system automatically recognizes and intelligently makes up the echo difference between different depths of the tissues and organs. Compared with the traditional TGC, it ensures the uniformity of near-far field image echo more accurately. The technology provides an exact lesion detection so as to facilitate the diagnosis even on difficult-to-image patients.

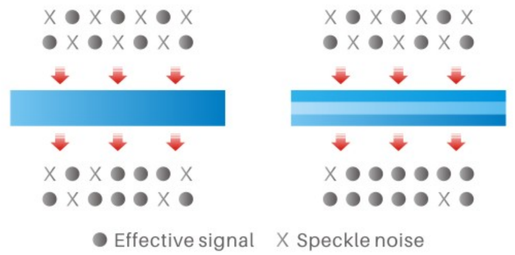


Talented Encode

Talented Encode technology improves the frequency accuracy and bandwidth of received echo to enhance the image penetration and resolution. Compared with the traditional physical module processing method, it helps to present the useful imaging information more efficiently and show the lesions of different depths more accurately.

Tailored Filter

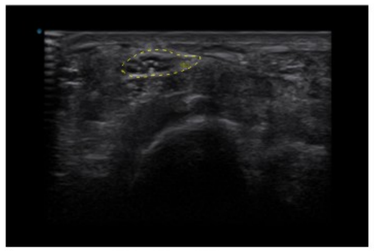
It allows the system to automatically identify all types of speckle noise and intelligently make customized filtration. Compared with the conventional dynamic filter technology and speckle reduction imaging, Tailored Filter increases the S/N ratio by 35% to present a more distinct image.



Main probes applicable on Apogee 6500

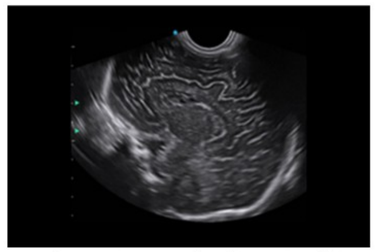
SIUI's transducer always enjoys a high reputation in the industry. For decades it has continuously crafted different types of transducers targeting focused application area. Excellent transducer performance facilitates much more reliable scanning.

18MHz linear probe presents detailed image information and detects lesions in superficial tissues, tendons, nerves, peripheral veins etc., which plays an important role in MSK.



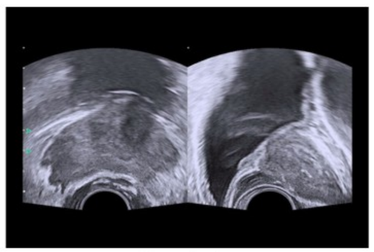
Median Nerve

Micro-convex probe conducts thorough and distinct 2D scan and captures sensitive color flow, specializing in the craniotomy, laparotomy intraoperative, neonatal craniocerebral and deep vascular exams.

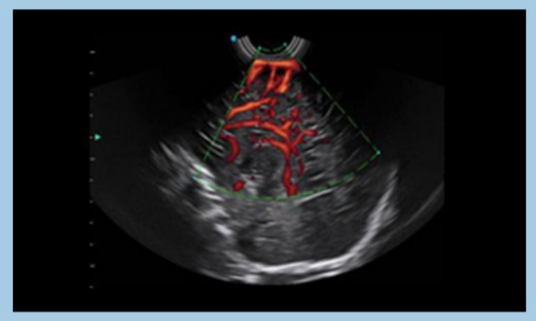


Neonatal Craniocerebral Sagittal Section

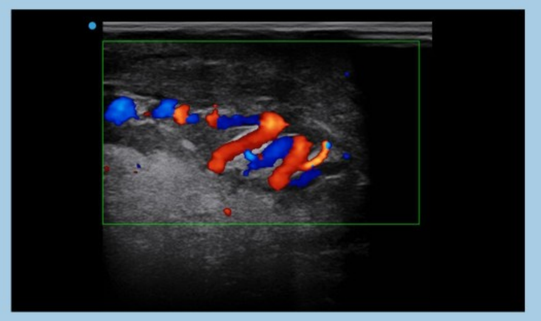
Bi-plane probe guides interventional procedures through real-time bi-plane imaging with the custom biopsy guide. It furthers guaranteed scanning in Urology.



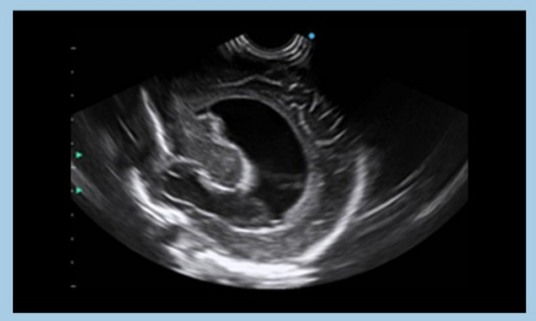
Prostate



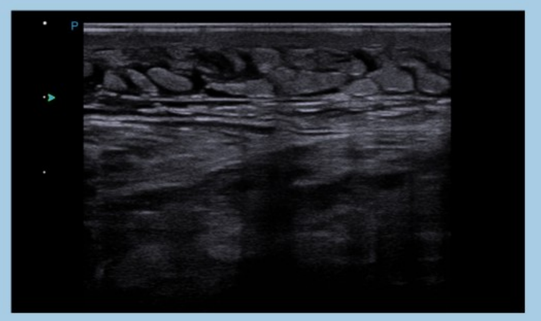
Neonatal Craniocerebral Sagittal Section



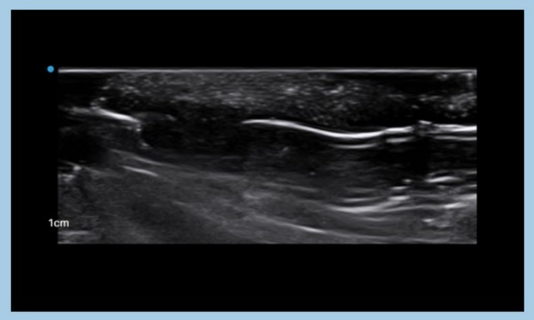
Varicocele



Neonatal Hydrocephalus

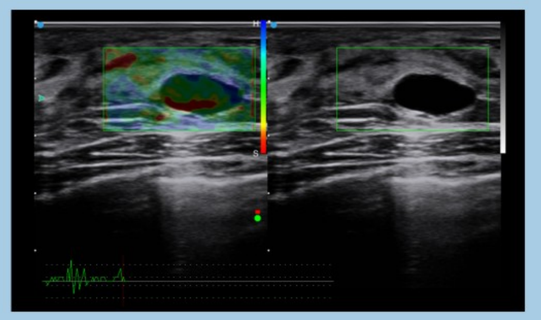


Lower Limb Edema



Fingerprint

Fetal Feet with Lumi 4D

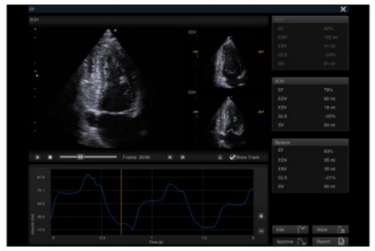


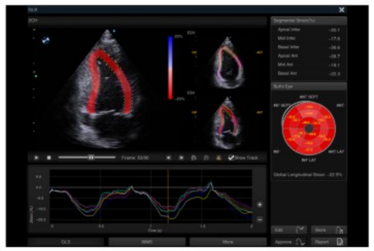
Breast Cyst with Elastography

Comprehensive professional solution kit supports all-round diagnosis

Auto EF

Auto EF automatically measures cardiac volumes based on speckle tracking technology. The system identifies the endocardium and establishes a ROI using an anatomical database. LV EF, ESV, EDV and GLS are calculated at the same time. It provides an effortless and efficient way to acquire accurate 2D EF and volumes, which is a decision supporting tool to cardiac function diagnosis.



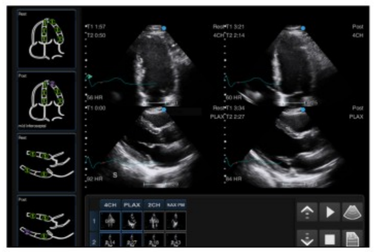


Auto SG

Auto SG is the automated quantitative assessment of both global and regional myocardial functions. It provides a table of segmental strain, 17-segment and global WMS as bull's eye analysis, live tracking images, LV average GLS, and various waveform displays. With the trace of myocardial motion, it supports diagnosis on typical cardiac diseases like dilated cardiomyopathy, hypertrophic cardiomyopathy and restrictive cardiomyopathy.

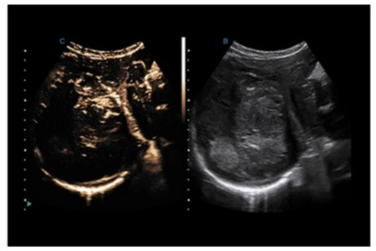
Stress Echo

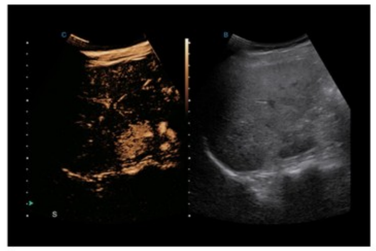
Stress Echo assesses wall motion of the heart at rest and stress and offers an analysis of LV systolic function. With assistance of ECG module, it is a non-invasive way to detect the coronary artery abnormality.



Ultrasound Contrast Imaging

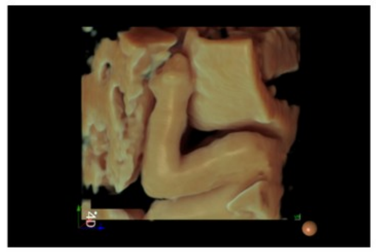
Ultrasound Contrast Imaging effectively enhances the 2D imaging and blood flow Doppler imaging of the liver and kidney, which is safe, real-time and affordable. It empowers the detection and qualitative diagnosis of tumors in liver, kidney and other organs.





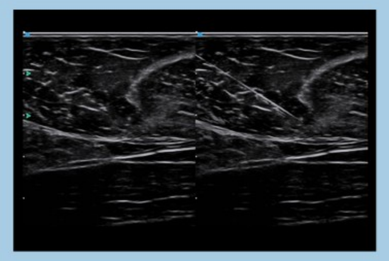
Lumi 4D

Lumi 4D is an image rendering processing technology to present more lifelike 4D image with higher resolution. Utilizing light source with adjustable angle and position and the shadow therefore, it makes the image a much stronger three-dimensional sense.



Needle Enhancement

Based on the ultrasonic beam deflection and imaging fusion, needle enhancement is used to strengthen the view of biopsy needle. Cooperated with the custom biopsy guides with adjustable needle angle available, it implements an effective biopsy for tumor.

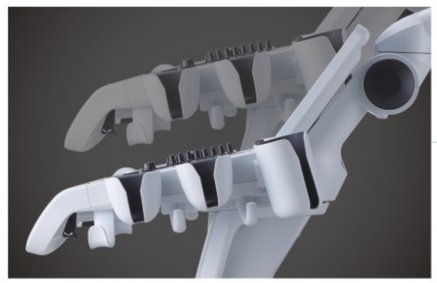


Ergonomic design relieves your daily operation

- 13.3″ wide touchscreen frees your operation at fingertip

- The control panel layout is functionally well-arranged to optimize your effort

- The ergonomic console design allows easily adjustable height perfectly for your working gesture



- 23″ full HD LCD monitor offers a comfortable view
- A floating blue light lights up your day

Advancing solution customizes timely ultrasound service

SIUI MAI, live service for ultrasound, is the product of medical IOT (Internet of Things) developed by SIUI. It connects the ultrasound system with the phone/pad, transferring image and sound simultaneously on both sides.

With a SIUI ultrasound system, a SIUI MAI mobile App, a camera with built-in microphone, and network (LAN/WIFI), you can access SIUI MAI freely. SIUI MAI provides a variety of services to save your time and cost.

Scan the QR code to download SIUI MAI on your phone

Remote online pre-sales demonstration gives you a general idea of any needed system before it's ordered.

Remote diagnostic support will offer you qualified imaging analysis and clinical solutions.

Remote online application training makes sure you know well of any applications you want to know.

Remote system maintenance will provide timely troubleshooting services.

Online public classes invite experts to share cases and exchange ideas with the audience.

See the future

Shantou Institute of Ultrasonic Instruments Co., Ltd. (SIUI) has been dedicated in focused area for over half a century, continuously providing professional imaging systems and up-to-date clinical solutions. SIUI boasts four product categories (incl. medical ultrasound, non-destructive testing, X-ray, cloud platform & big data) and four sections (incl. innovation section, manufacture section, marketing section and management section). According to the latest ranking of the industrial big data, SIUI ranked No. 7 in global medical ultrasound business and No. 3 in domestic industry in 2018.

Headquartered in Shantou on Jinsha Road with a new plant in Wan Ji District, SIUI also sets up R&D centers home and abroad, and builds subsidiaries across inland China and Hong Kong.

Four main R&D centers home and abroad