



P20 Elite

Greater Reliable
Dependence



U-P20E20221025



P20 ELITE

Accomplish more easily with SonoScape's new P20 Elite ultrasound system, combining single crystal clarity, extended image technology and user-defined flexibility for a confident diagnostic experience of women's healthcare and general imaging applications. The total solution you and your patients need for comfortable examinations in tight spaces.

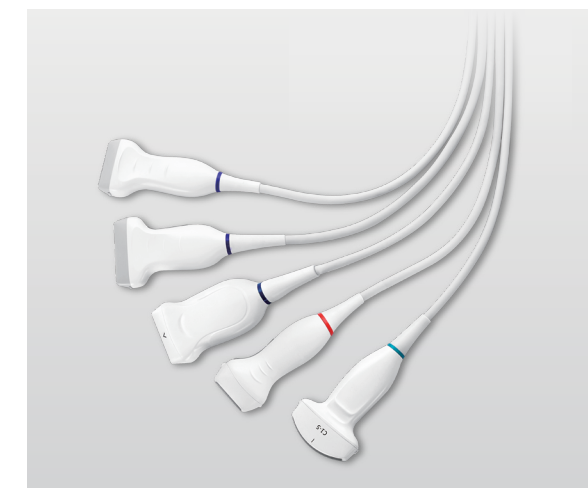
Exceptional Image Clarity Through Innovation



Advanced Transducer Technologies

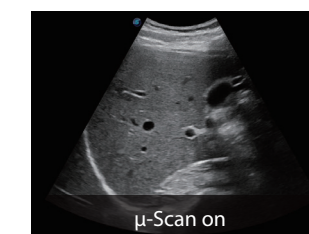
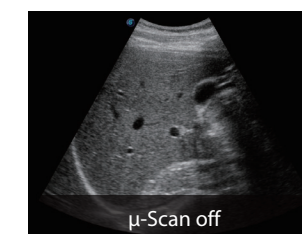
Single crystal transducers greatly improve signal ratio, acquire stunning images and provide superior sensitivity and resolution for both the near and far fields, by increasing the uniformity of crystal alignment and raising energy transmission efficiency. Single crystal C1-5 for abdominal and OB patients and S1-5 for cardiology and transcranial applications.

Composite crystal linear transducers, by reforming the conventional piezoelectric materials, achieve a better acoustic spectrum and lower acoustic impedance to serve well in vascular, breast, thyroid, MSK, etc. The combo of 12L-A, 12L-B, 9L-A covers an ultra-wide frequency bandwidth, leaving nearly no blind spot for all sorts of scanning.



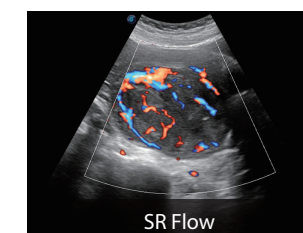
μ-Scan

A new generation μ-Scan imaging technology gives you better image quality by reducing noise, improving image uniformity, and enhancing boundary continuity for true-to-life detail and improved visualization.



SR Flow

As a new innovative technology, SR Flow improves the capability of detecting low velocity flow signals. It also improves on spatial resolution and overcomes overflow to present users with real hemodynamic information.



Improving Women's Healthcare Solutions

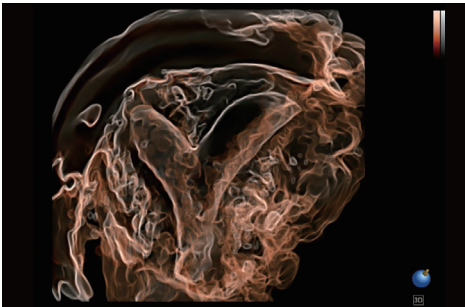


The obstetrics and gynecology ultrasound solutions from P20 Elite are designed to bring peace of mind to patients by providing more information, earlier in a pregnancy, while making it easier for clinicians to make a confident diagnosis.



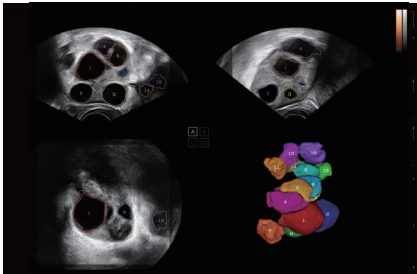
S-Live Silhouette

Through the application of a virtual light source and shadowing effect, S-Live Silhouette sees through the surface and clearly delineates the outlines of bone, organs, cavities, vessel walls and other internal structures. It is a beneficial tool for identifying normal anatomy and diagnosing complex congenital malformations.



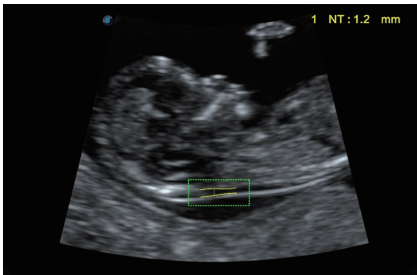
AVC Follicle

High efficiency of follicle analysis is achieved by AVC Follicle, a volume-data based automatic follicular calculation including the number and volume. Follicles are sorted by sizes in the results and rendered in different colors for better visualization.



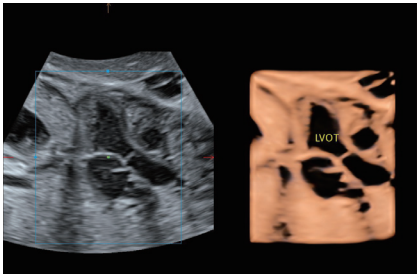
Auto NT

Auto NT provides semi-automatic, standardized measurements of the nuchal translucency thickness in 2D images and reduces operator dependency on the results.



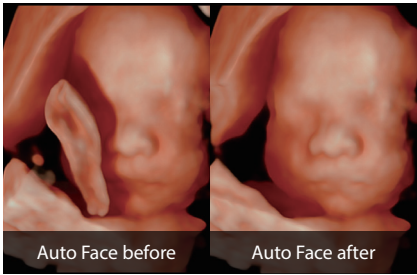
STIC

By averaging frames in the temporal and spatial dimension, STIC on P20 Elite is able to reconstruct image in different planes for the comprehensive examination and evaluation for fast-moving fetal heart structures from various angles, which is especially useful for the diagnosis of congenital heart diseases.



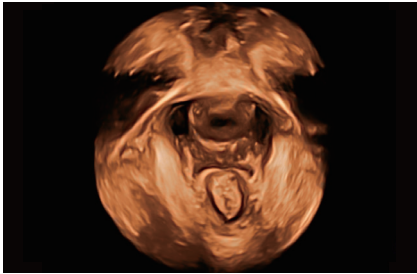
Auto Face

3D fetal face visualization has important implications for the diagnosis of facial abnormalities. Auto Face simply removes occlusions and artifacts such as the umbilical cord, placenta, uterus and extremities for the best view of the fetal face.

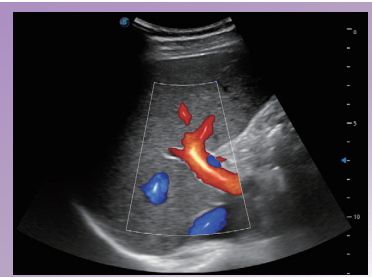


Pelvic Floor 4D

Provides a useful clinical assessment for judging the presence and extent of pelvic organ prolapse. A great help in women's postpartum care.



Integrated Professional Diagnostic Tools

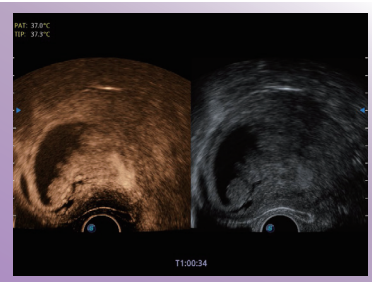
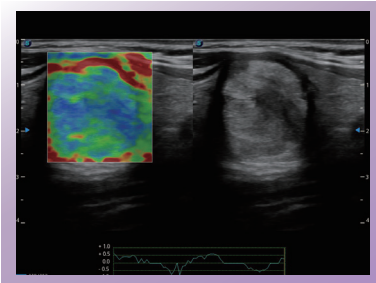


Bright Flow

3D-like color Doppler flow without the need of using volume transducer, provided by Bright Flow, strengthens boundary definition of vessel walls. This innovative lifelike style helps clinicians more intuitively visualize blood flow. Intuitive and easy visualization of blood flow structures with less blood flow artifact, which is helpful for boundary definition of tiny vessels and crossing vessels.

C-xlasto Imaging

C-xlasto Imaging enables comprehensive quantitative elastic analysis, and the system will rapidly calculate the Strain Ratio and display unusually hard or soft anomalies within the soft tissue. Meanwhile, it is supported by multiple probes to ensure good reproducibility and highly consistent quantitative elastic results.

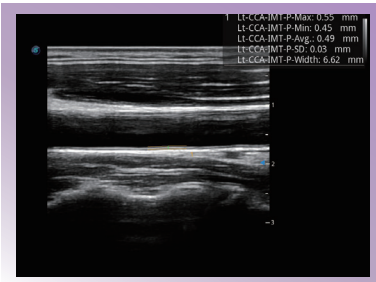


Contrast Imaging

The contrast agents provide a loud signal reflection, giving a more enhanced image of difficult-to-view blood flow. Controls the acoustic pressure and provides promising image quality with a smaller agent dose.

Auto IMT

Auto IMT is a smart tool to analyze a patient's potential risk of cardiovascular disease. By clicking a button, you can measure both the anterior and posterior intima-media thickness of the common carotid. This simple procedure enhances exam productivity as well as adds diagnostic value to the exam.



Convenience Designed for You



23.8-inch
LED Monitor

The P20 Elite features a 23.8-inch LED display as the optional, delivering excellent contrast resolution, image clarity for better visualization, more diagnostic information.



13.3-inch
Tilting Touch
Screen

The high sensitivity touch screen adjusts to accommodate user viewing preference in any scanning environment.



Up to 5
Probe
Sockets

Compact design with 4 active and 1 packing sockets, it provides a wide range of clinical applications with ease.



Build-in Battery

Two capacity build-in battery could be chosen, convenience during transport while meeting continuous scanning needs.



Holder

Dedicated endocavity transducer holder

