



NEW
ViV80
Far Beyond Your Imaging

zoncare

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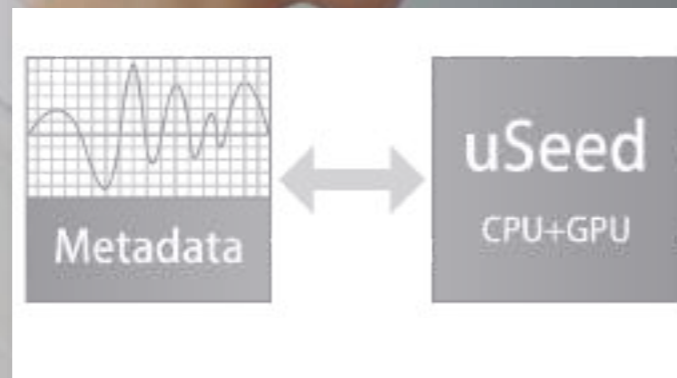
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uSeed Platform

ViV 80 facilitates accurate diagnosis based on uSeed metadata beamforming imaging technology platform. This brand-new platform is developed by CPU+GPU heterogeneous computing technology. The images in uSeed platform are saved as metadata for postprocessing.



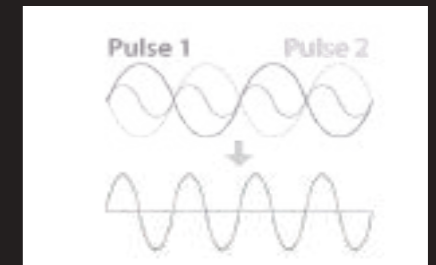
Make Efficient and Fast Workflow a Daily Companion

- Efficient multi-function touch screen
- Multiple user-defined programming knobs
- One-key Automatic Optimization Technology
- One-key operation flow, quick switching and easy to use
- Visualize user-defined presets function (QSave)
- Metadata and image postprocessing
- DICOM 3.0
- USB 3.0 ports, built-in DVD, make transmission more convenient
- Auto OB, auto PW
- Needle enhancement

Technologies

Pulse Inverse Harmonic Imaging PIHI

PIHI reduces the distortion generated by the fundamental wave, and greatly improve the signal-to-noise ratio.



Speckle Reduction Imaging

SRI technology significantly reduces the unwanted speckle, provides enhanced tissue boundary and tissue echo for confident clinical diagnosis.



Spatial Compound Imaging

SCI provides better contrast resolution, reduces the speckle noise and smoothes the imaging of homogeneous tissue.



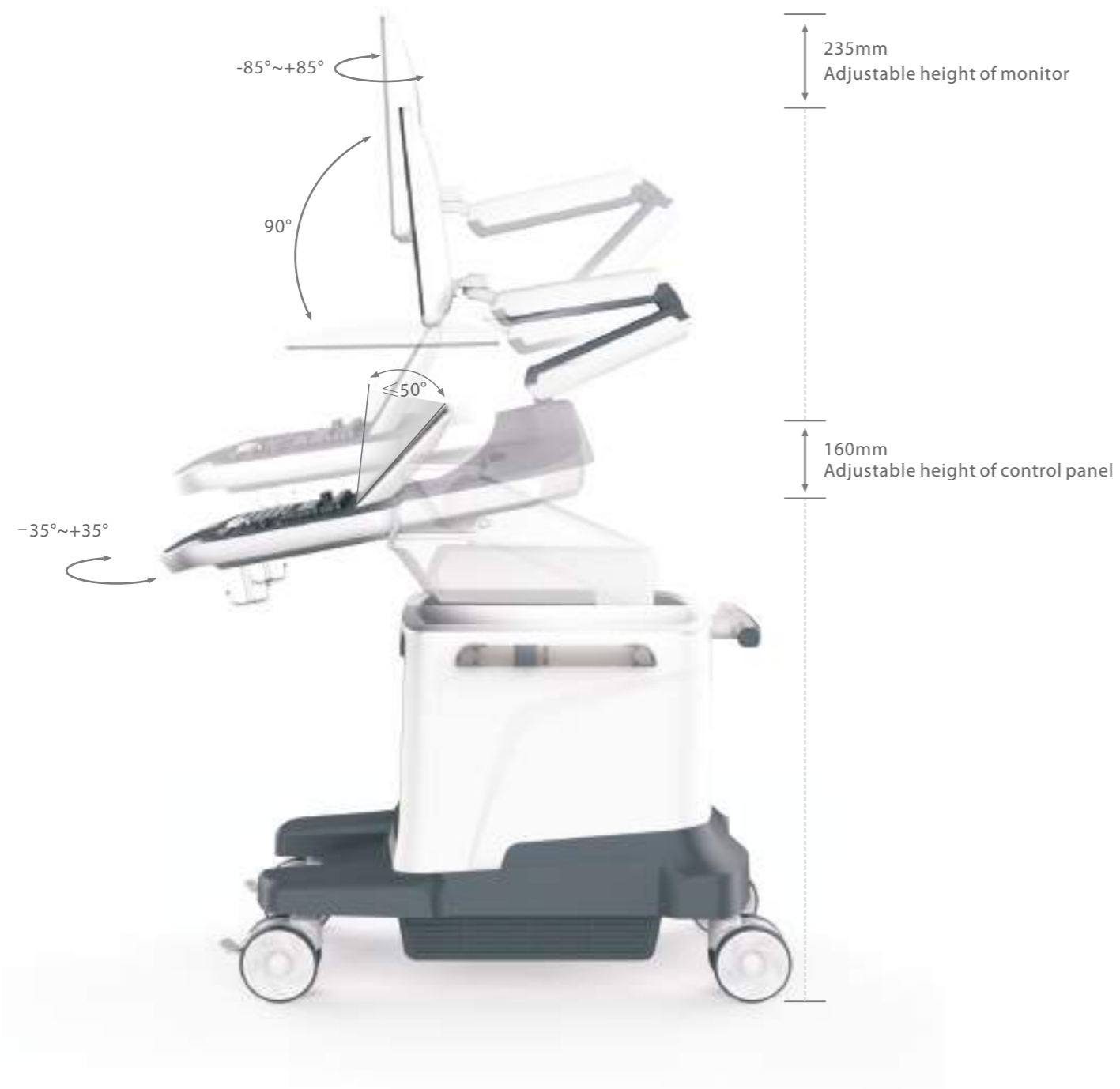
Single-Crystal Transducer (optional)

With Single-Crystal Transducer, the resolution could be enhanced by the wider bandwidth.



Ergonomic Design

ViV 80's excellent ergonomics may help have a comfortable examination environment and improve work efficiency.



New generation single crystal probe

PTP single crystal probe, Based on PMN-PT lead-based piezoelectric single crystal material, PDRIE lithography and dry etching micromachining technology, unique matching layer and backing material design, strong combination, applied to abdomen and heart, can provide wider bandwidth (-6db bandwidth is close to 90%, enough to cover the second harmonic of the echo), stronger penetration and higher resolution. Effectively overcome the artifacts produced by the endocardium and fine tissue structure, gain insight into the interface between blood flow and tissue, and provide better probe solutions for difficult patients.



Optimized control panel
- Angle adjustable
- Height adjustable



21.5" medical LCD monitor
with an articulating arm



13.3" high sensitivity
touch screen
- Angle adjustable



Exclusive holder for
endocavity transducer

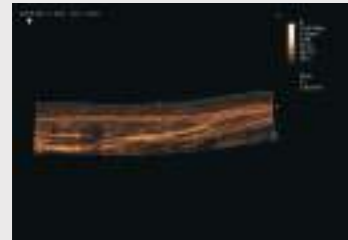


5 universal transducer
connectors

Comprehensive clinical applications

ViV 80 provides remarkable performance in Abdomen, Gynecology (including endocavity), Obstetric, Cardiology, Small parts (Breast, Testes, Thyroid, etc.), Urology, Musculoskeletal and Peripheral vascular. A variety of imaging modes brings a comprehensive clinical application.

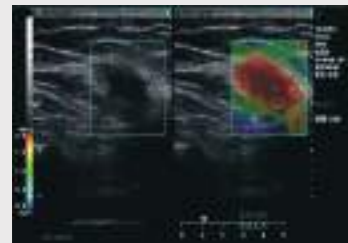
- B Steer, 3D/4D, ZPage, ZLive, PW, CW, AMM, CMM, Panoramic Imaging, Elastic imaging mode, EFOV, TDI, ECG port
- Auto IMT, Auto NT, Auto Trace, TSI, THI, SRI, SCI, FCI, Biopsy function



Radiology

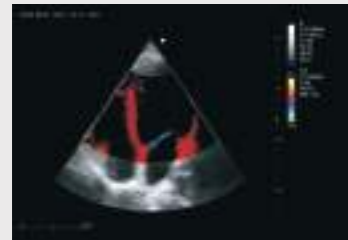
Panoramic Imaging

Panoramic Imaging could help to get extended and complete view of the anatomical structure.



Acoustic radiation force elastic imaging

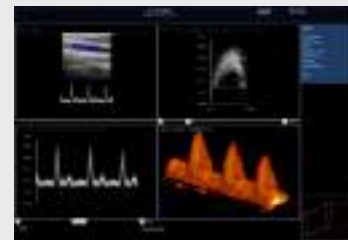
Through the automatic emission of sound waves, generating acoustic radiation force
To the interested detection part, and the sound wave directly pushes the tissue to generate movement, thus obtaining the tissue elasticity.



Cardiology

TDI

Tissue Doppler Imaging (TDI) could monitor local myocardial movement, and evaluate the movement quantitatively.



3D PW

3D hemodynamic analysis: 3D spectrum imaging, multi-sampling gate blood flow calculation, blood vessel wall sclerosis detection



Obstetrics and Gynecology

3D/4D

Zoncare advanced 3D/4D mode delivers amazing lifelike 3D/4D images.

Remarkable clinical image

