








Extensive applications



Image and file management system and built-in workstation

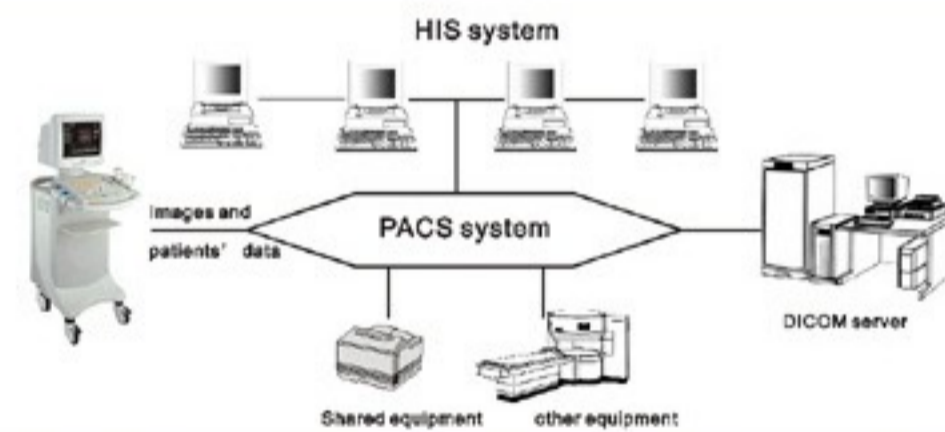
-  Large capacity hard drive
-  Floppy Drive
-  Parallel printer port
-  CD-RW
-  S-Video output port
-  USB port
-  Network port

Strong capacity cineloop



Cineloop for picking out the best diagnostic image

Connection with PACS and HIS Systems through DICOM 3.0 (Option)



A variety of probes to meet various clinical demands

All the probes feature high-density, super broadband and multi-frequency, especially the multi-plane probe and the phased array probe stand for today's advanced level in the world.

The imaging technologies and measurement functions create an easy-to-use system in clinical applications.

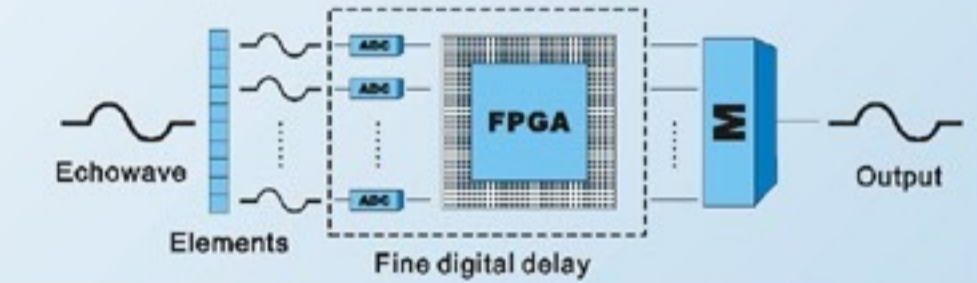


Advanced imaging technology presents high quality images

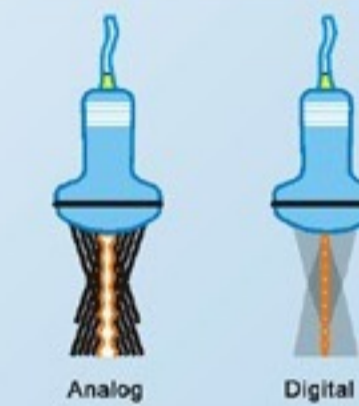
Adopting a variety of advanced imaging technologies, such as digital beam forming, continuous focusing and Tissue Harmonic Imaging (THI), the Apogee 3500 is equipped with imaging modes such as B Mode (B, 2B, 4B), real-time compound imaging, trapezoidal imaging (linear probes), extended sector imaging (convex probes), spectrum Doppler (pulsed wave Doppler and continuous wave Doppler), Color Flow Map (CFM) and Color Power Angio (CPA) and 3D imaging .

High-precision digital imaging technologies display fine tissue structure

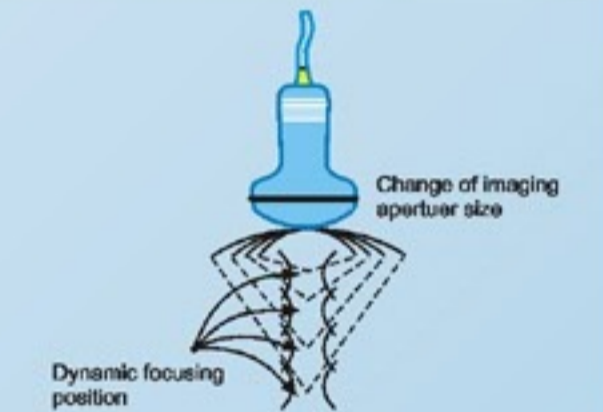
Digital beam forming technology
Accurate beam forming, signal processing, digital image procurement and processing ensure images with clear-cut edge and no distortion.



Real-time continuous dynamic focusing
Real-time continuous dynamic focusing greatly improves image resolution and pixel evenness.



Real-time dynamic aperture, dynamic apodization, dynamic filtering
Imaging technologies such as dynamic frequency scanning create consistent high-resolution images from near field to far field.



Tissue Harmonic Imaging (THI) technology

Through harmonic imaging, THI enhances quality of the 2D images.

As THI eliminates artifact and multi-reflection to the largest degree, the system, with high contrast resolution, can display subtle pathology, especially suitable for diagnosis on difficult patients.

