E2000 Brief introduction

Display: 15 inch LCD screen

Scanning mode: electron convex array, high frequency linear array, cavity, micro convex, rectum;

Image mode:

☑ B, B+B, 4B mode

☑ B+M mode

☑ CFM color blood flow pattern

☑ B+CFM mode

☑ PDI energy mode

☑ PDI+B mode

☑ PW mode

☑ B tilt mode (Note: B- tilt only applies to high-frequency linear probes less than or equal to 40mm.)

☑ 3D mode (Optional)

Scanning depth: 2-280mm

Operating frequency range: 2.0-12.0MHz

Probe interface: 2 automatic probe identification ports

Dynamic range: 80~280dB adjustable;

Display modes: B, B/B, 4B, M, CFM, CMF/B, PDI, PW, THI;

Application mode: abdomen, gynecology, obstetrics, superficial organs, pediatrics, urology, heart, blood vessels and other modes;

Imaging modes: full digital multi-beamforming, speckle noise suppression, tissue harmonic imaging, etc

Sound output: real-time display of mechanical index and thermal index, adjustable sound power and real-time display;
Gray level: 256;
Display depth: ⩾280mm;
Pseudo-color processing: 16 pseudo-color coding options;
Gain adjustment: 8 segments TGC, B/M/D/C gain can be adjusted respectively, TGC curve can be displayed and automatically hidden;
Image processing: Level 5 image optimization, edge enhancement, frame average, Line average, focus optimization, noise suppression, Gamma correction, closing curve, contrast
Degree, brightness adjustable, up and down, left and right flip;
Automatic optimization function: built-in multiple check types, according to different check types, preset the best image check conditions, reduce the adjustment operation keys;
Measurement and calculation: B mode conventional measurement, distance, circumference, area, volume, Angle, ratio, and shorthand rate, M mode conventional measurement, woman
Department measurement, obstetrics measurement, cardiology measurement, urology measurement, PW measurement and other measurements.
Image annotation: alphanumeric input, adjustable annotation arrows, labels and comments, body markers, patient and hospital ids, etc.
Image storage: image storage, video storage. Movie playback, solid state disk storage capacity ⩾ 128G;
Patient data: medical record management, report query and printing, image and video output (hard disk, USB, optional DVD-RW), built-in ultrasound workstation;
Report page system: automatic report generation system, and full-screen characters in Chinese and English editing;
Interface: HDMI, VGA, USB, DICOM interface.
Support probe: electronic linear array CT7.5L40GN, electronic convex array CT3.5C60GN, electronic cavity CT6.5C10GN, electronic slightly convex CT3.5C20GN
Electronic convex CT6.5C8015, electronic convex CT7.5C8020, electronic rectal CT6.0L8064
Input voltage: 100-240V, 50/60Hz (built-in 19V,5.8A,DC adapter; 12V, 2A, DC adapter)
Appearance size: 590mm×885mm×1205mmm (length × width × height)
Weight ⩽ 18Kg

Transducer types

SL No	Probe Type	Picture	Radius/ Footprint	Frequency Range(MHz)	Human / vet	Clinical application
CT3.5C60GN	Convex		R60	2.0 MHz /3.0 MHz /3.5 MHz /4.5 MHz /6.0MHz	Both	Abdomen, Obstetrics, Gynecology, Kidney, Urology
CT7.5L40GN	Linear		L40	5.0 MHz /6.0 MHz /7.5 MHz /9.0 MHz /12.0MHz	Both	Vascular, Small parts, Muscleskeletal, Carotid, Nerve, Orthopedic
CT6.5C10GN	TV		R10	4.5 MHz /5.0 MHz /6.5 MHz /7.5 MHz /10.0MHz	Both	Gynecology, Obstetrics, Urology
CT6.5C8015	Micro Convex		R15	4.5 MHz /5.0 MHz /6.5 MHz /7.5 MHz /10.0MHz	Both	General small abdomen and cardiac Equine musculoskeletal and abdomens
CT3.5C20GN	Micro Convex		R20	5.0 MHz /6.0 MHz /7.5 MHz /9.0MHz /12.0MHz	Both	General small abdomen and cardiac Equine musculoskeletal and abdomens
CT7.5C8020	Micro Convex		R20	5.0 MHz /6.0 MHz /7.5 MHz /9.0MHz /12.0MHz	Both	General small abdomen and cardiac Equine musculoskeletal and abdomens
CT6.0L8064	Linear transrectal		L64	5.0 MHz /5.5 MHz /6.5 MHz /7.5MHz /10.0MHz	Veterinary only	Equine and bovine reproduction Equine musculoskeletal Fish-sexing, egg determination