

AR-480C

Ultrasound Scanner

Portable Color Doppler



Technical Specifications

PARAMETER	SPECIFICATION
Displaying mode	B,B/B,4B,B/M,M, B/C,B/C/D,B/D, duplex, triplex, CFM, PW,4D
Signal processing	Full-digital beam forming, dynamic filter, dynamic real time receiving focusing, RDA, spectral processing, CFM processing, real-time dynamic focusing, dynamic aperture in all fields
Image processing	THI PSHI TM broadband multi-frequency harmonic image Power adjustable Smoothing function Edge enhancement One-key optimization Image conversion Wall filter adjustable Base line adjustable PRF adjustable AIO-Auto image optimization IZoom: Instant full screen image I-Image: intelligent optimization Storage: Direct date transfere to U disk or PC Remote: Realtime remote MBF: Multi Beam Former SA: Synthetic Aperture Ultrasonic imaging Iclear: Speckle Noise Reduction CDF: Contunuous Dynamic Focusing Trapezoid Image (Option)

	Real time 4D imaging (Option)
General measurement	B mode-distance, circumference, area, volume, angle, area Red, Diam Red M mode- distance, time, velocity, heart rate
Abdomen measurement	Liver, GB, Aorta, GBWT, CBD, Portal Vein, Spleen
OB packages	EDD table :GS ,BPD, CRL,FL,YS,TAD,LV,OFD,NT,AC,HC, APAD, Cxlength.
Gynecological packages	Uterine measurement (Uterine diameter, uterine endometrial); left/right ovary measurement; left/right sacculus measurement; Cervix; Uterine depth
Urology packages	Left/right kidney measurement, Volume, Cortex
Small parts Measurement	Left/ right thyroid, volume, Isthmus and calculating report
Cardiac Measurement Package	Heart rate, Valve speed, LV, aortic, mitral, ventricular
Skeletal & Muscles	Skeletal & Muscles, distance, area, Hip angle
Vascular	Senosis D, senosis A, Lt/Rt VVA, Lt/Rt Rulb, Lt/Rt ICA
Scanning depth	≥300mm
Body mark	Abdominal ,Cardiology, Gynecology, Obstetrics, Small parts
Cine loop	Automatically & manually
Image storage format	BMP, JPEG, PNG
Input/output ports	VGA, HSUSB, Dicom, DVI, COM
Standard Configuration	Main unit, 12 inch LED monitor, 3.5Mhz convex probe, 7.5Mhz linear probe, 2 probe connectors, User's Manual, hard disk (SSD), built-in li-ion battery
Options	6.5Mhz transvaginal probe, 3.5Mhz micro-convex probe, 3.5Mhz phased array probe, 4D volume probe, trolley, USB laser printer and Video printer, biopsy kit, aluminum case