

AR-K10

Ultrasound Scanner

Digital Color Doppler (4D Optional)




Description

The familiar PC system, 15 inch LED monitor, ergonomic & rotatable design operation panel, free arm with 360 degree rotation and four probe connectors make the machine operate easily and conveniently

Technical Specifications

PARAMETER	SPECIFICATION
Displaying mode	B,B/B,4B,B/M,M,PW,B/C,B/C/D,B/D, duplex, triplex, CFM
Signal processing	Full-digital beam forming, dynamic filter, dynamic real time receiving focusing, RDA, DRA, spectral processing, CFM processing, real-time dynamic focusing, dynamic aperture in all fields
Image processing	THI PSHI TM broadband multi-frequency harmonic image Speckle-reduction Power adjustable Smoothing function iBeam TM intelligent space image technology iZoom TM undistorted full screen image Free Xros M Engineer control technology with low power consumption Edge enhancement Image optimizing disposal One-key optimization Image conversion Up/down conversion

	Left/right conversion Intelligent built-in workstation system(Chinese/English) Doppler Sound output volume adjustable Wall filter adjustable Base line adjustable Sampling frame adjustable Spectrum sampling volume adjustable Spectrum sampling volume angle adjustable PRF adjustable		
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 saccules 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		
Body mark	Abdominal , Gynecology, Obstetrics, Small parts		
Scanning depth	Up to 300mm		
Cine loop	Automatically & manually, speed control		
Image storage format	BMP,JPEG,PNG		
Image storage size	500G		
Input/output ports	VGA, USB port, DICOM port(network port)		
Standard Configuration	Main unit, 15 inch LED monitor, 3.5Mhz convex probe, DICOM 3.0,free arm, 4 probe connectors, user's manual, 500G hard disk, DVD-RW		
Option	7.5Mhz linear probe, 6.5Mhz transvaginal probe, 3.5Mhz micro-convex probe, 3.5Mhz phased array probe, 4D volume probe, 19 inch LED monitor, laser printer, biopsy kit		
Probes Configuration		5 Steps Multi-frequency	Image
Standard	3.5Mhz abdominal probe	2.0, 3.0, 3.5, 4.0, 5.5Mhz	

Options:	7.5Mhz linear probe	6.0, 6.5, 7.5, 10.0, 12.0Mhz	
	6.5Mhz transvaginal probe	5.0, 6.0, 6.5, 7.5, 9.0Mhz	
	3.5Mhz micro-convex probe	2.0, 2.5, 3.5, 4.5, 5.0Mhz	
	3.5Mhz phased array probe	2.0, 3.0, 3.5, 4.0, 5.5Mhz	
	4D volume probe	2.0, 3.0, 3.5, 4.0, 5.5Mhz	