WH-9200

COLOR DOPPLOR SYSTEM

The system supports PW, CW, CFM, PDI, DICOM, and comprehensive cardiac,Urology,and OB/GYN software packages. New technologies such as FTO(Fine tissue optimization);TSF;TSI eliminates noise of images,based on speckle reduction technology, delivering best image quality.

Applications:

Abdomen,OB/GYN.Small parts,Urology,Cardiology,etc.

Monitor:

15- inch LCD high resolution monitor

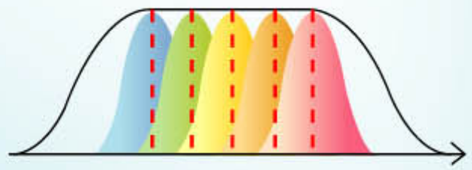
Imaging mode:

CW PW PDI CFM B/m B

Technical features:

- ★ DBF Digital Beam-forming
- ★ DFS Numerical control dynamic frequency scanning
- ★ DRF Dynamic receiving focusing
- ★ RDA Real-time dynamic aperture
- ★ TDF Time and Dimentional filtration
- ★ Real-time dynamic apodization
- ★ Excellent cardiology image
- ★ Full cardiology software
- ★ High-density 128-element transducer
- 8 staged TGC
- Welcome words changeable upon request

Super broadband and multi-frequency probes



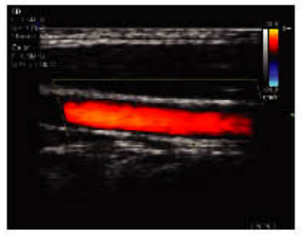
Probes for this system have super broadband with over 70% relative bandwidth. Different working frequencies are available for each probe.Multi-frequencies are selectable for clinical applications.

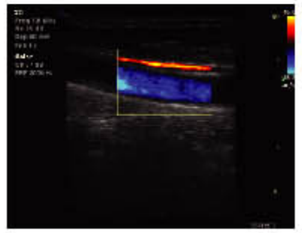
Image storage:

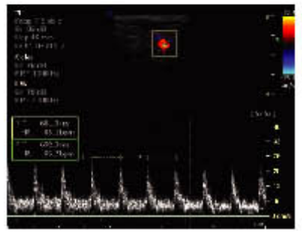
Built-in memory, storage via USB disk,
Image format: bmp, jpg video format: avi
Image printable via PC printer or video printer

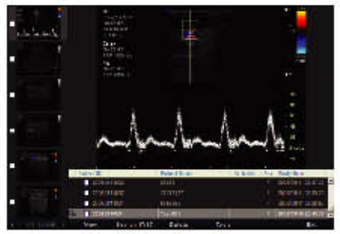
Convenient storage media:

DVD; CD-R/W; DICOM 3.0

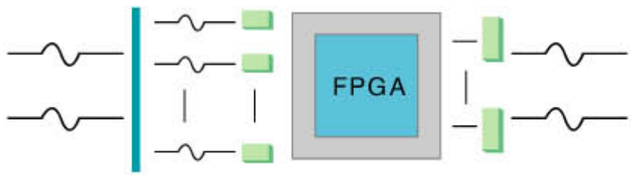








Excellent Color images



RUBY DC-5 full-digital multiple beam former presents images with clear-cut edge without distortion.

Standard configuration:

Main unit +3.5MHz convex probe +7.5MHz linear probe +USB ports +3 probe connectors

Optional Probes:

7.5MHz linear probe, 6.5MHz transvaginal probe, 3.5MHz cardiac probe, 3.5MHz convex probe, 3.0MHz pharsed array probe.

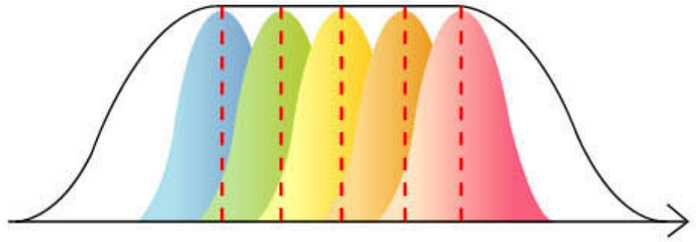
WH9001 Exceed

Full–Digital Ultrasound Imaging System
128 Elements
High Resolution

WH9001 Exceed features super-precise Digital Beam-forming(DBF), based on powerful digital technology platform. It highly meets clinical requirements with abundant software package; vivid images and ergonomic operation.

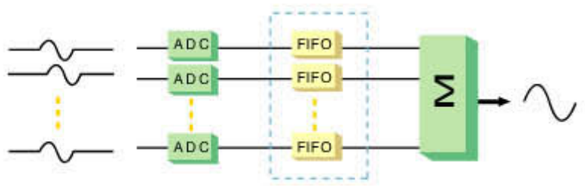
- **Cutting–edge Digital Technology**
- ★ DBF Digital Beam-forming
- ★ DFS Numerical control dynamic frequency scanning
- ★ DRF Dynamic receiving focusing
- ★ RDA Real-time dynamic aperture
- ★ TDF Time and Dimensional filtration Real-time dynamic apodization
- **8–segment TGC adjustor**
- Built-in high-speed MPU
- English-Chinese interface
- Extensive Software Packages
- USB Port

Super broadband and multi-frequency probes



Probes for this system have super broadband with over 70% relative bandwidth. Different working frequencies are available for each probe.Multi-frequencies are selectable for clinical applications.

Digital beam forming technology



Accurate beam forming and signal processing, digital image acquisition and processing ensure images with clear edge and no distortion.

Standard Configuration:

Main Unit
Convex Probe
Cine Loop
2 USB Ports
High resuolution 14 inch VGA Monitor

Options:

Trans-vaginalProbe(128element)
cardiac probe(128element)
Linear probe(128element)
Vedio printer
17' LED color monitor
Color image workstation

WH9001C Superb

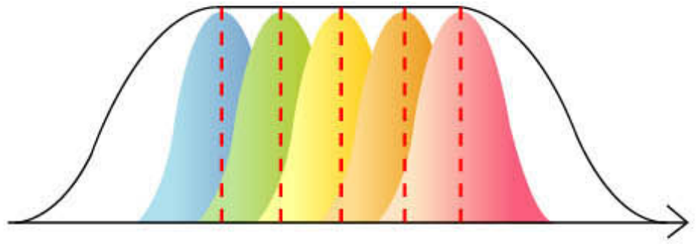
80 elements

Digital Ultrasound Imaging System

WH90001C Superb features super-precise Digital Beam-forming(DBF), based on powerful digital technology platform. It highly meets clinical requirements with abundant software package; vivid images and ergonomic operation.

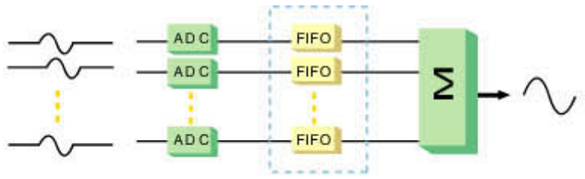
- **Extended Clinical Applications**
- ★ Abdominal
- ★ Obstetrical
- ★ Gynecological
- ★ Small Parts
- ★ Vascular
- ★ Muscular
- ★ Endocavitary
- EDD tables: BPD,GS,CRL,FL,HC,AC
- **Cutting–edge Digital Technology**
- **8–segment TGC adjustor**
- Built-in high-speed MPU
- English-Chinese interface
- Extensive Software Packages
- USB Port

Super broadband and multi-frequency probes



Probes for this system have super broadband with over 70% relative bandwidth. Different working frequencies are available for each probe.Multi-frequencies are selectable for clinical applications.

Digital beam forming technology



Accurate beam forming and signal processing, digital image acquisition and processing ensure images with clear edge and no distortion.

Standard Configuration:

Main Unit
Convex Probe
Cine Loop
2 USB Ports
High resuolution 14 inch VGA Monitor

Options:

Trans-vaginalProbe(80element)
cardiac probe(80element)
Linear probe(80element)
Vedio printer
17' LED color monitor
Color image workstation

WH-1000

Ultrasonic Teaching Instrument

Compact & lightweight

Operation panel is a diagram and module layout

Clear signal procession & signal direction

Easy for study & test

This UTI composed of 4 modules:

1 The module to emit; receive and preprocess the ultrasonic signal
2 The module to focus; filtration and amplify the ultrasonic signal
3 The module of DSC digital image procession
4 The module of CPU control

WH-1000 is a visual aid for mastery of Ultrasound system principle and circuit.
The 4 modules make it easy to see the signal processing and signal direction.
Aiming at the malfunction circuit, a related test could be arranged. The malfunction circuits are compsed of electronic components which could be inserted and pulled out.

Feature

WH-1000 is a new generation of teaching equipment for Ultrasound system

WH-1000 adopts electronic scanning, multi-stage dynamic focusing, variable aperture and digital scanning conversion technology, specially designed to meet both requirements of Ultrasound system and school teaching.
WH-1000 employs advanced large-scale integrated circuit parts, every index and parameter equivalent to medical ultrasound. There are more than 300 testing points; 90 plus electronic component socket, offering students the convenience of testing circuitry; changing components of various parameter; designing circuitry failure and failure teaching
WH-1000 is a national patented device; user friendly & ideal teaching instrument.

Technical parameters:

1. Scanning mode: electronic scanning
2. Probe: as order
3. Display mode: B, B/B, B/M, M
4. Zoom: X1.0, X1.2, X1.5, X2.0
5. Detecting Depth: 200mm
6. Gray scales: 256
7. Voltage & currency surge protector
8. Dynamic variable apertures
9. 8 staged TGC adjustment
10. Display: 8.4 inch LCD
11. 7 color selection
12. Optional back-lit keyboard
13. Focus method: 17 steps dynamic focusing and acoustical lens focusing
14. Rich Measurement software; OB/GYN & Cardiac software package
15. Image procession: 8 frame co-relations and 8 Gamma calibrations

WH9000D Superb

Technical Features

Extensive clinical application in abdomen, cardiology, obstetrics and gynecology, urology and superficial organs.

- Digital image processing technology
- 17 stages of dynamic focusing & acoustic lens focusing
- Scanning Mode: Electronic Convex, Micro Convex & Linear Array
- Display mode: B,B/B,B/M,M
- Depth Scope:0-200mm
- Gray Scale:256
- 14 inches VGA monitor, non-interlace
- Memory Capacity:512*512*8bit
- 8 Frame correlations image pre-processing
- 8 γ adjustment image post-processing
- 8 steps STC adjustment for any point of the image, helping doctor to get ideal image
- Emission focus of near-field, Near & Central field, central & far field, and far field selectable to get optimized resolution
- Optical track ball
- Voltage and current surge protector
- Body Marks:16
- OB/GYN software package
- Rich measurement software and Character input
- Zoom: X1.0, X1.2, X1.5, X2.0
- Voltage: 110/220V
- Security: GB10152-1997, GB9706.1-1995 National Ultrasound Equipment security Standard.

Configuration:

Main unit

- 2.5/3.5/4.0/5.0MHz Convex probe
- 6.5/7.0MHz Trans-vaginal probe
- High resolution 14 inches VGA monitor

Options:

- Video graphic printer
- Cine loop
- Real time color image workstation
- Linear probe
- LCD color monitor

WH9000E

Technical Features

Extensive clinical application in abdomen, cardiology, obstetrics and gynecology, urology and superficial organs.

- Digital imageing processing technology
- Scanning Mode: Electronic Convex & Linear Array
- Display mode: B,B/B,B/M,M
- Depth Scope:0-200mm
- Zoom: 1.0, 1.2, 1.5, 2.0
- Focusing mode: 17 stages of dynamic & acoustical lens focusing
- Voltage and current surge protector
- Gray Scale:256
- Imaging Processing: 8 frame correlations image pre-processing,8 γ adjustment image post processing
- 8 steps STC adjustment for any point of the image, helping doctor to get ideal image
- Measurement: distance,area, circle, heart rate, valve velocity, depth
- OB Software: GS, CRL, BPD, FL, automatically displayed about days of pregnant, baby due,baby weight, HC,AC
- Body Marks:16 body mark
- Security: GB10152-1997, GB9706.1-1995 National Ultrasound Equipment security Standard.
- Voltage: 220 V/110V

Configuration:

- Main unit
- 2.5/3.5/4.0/5.0MHz Convex probe
- High resolution 14 inches VGA monitor

Options:

- Video -Graphic printer
- Real time color image workstation
- Cine loop

Extensive clinical application in abdomen, cardiology, obstetrics and gynecology, urology and superficial organs.

WH9000C Plus

Configuration:

- Main unit (dual sockets)
- 2.5/3.5/4.0/5.0MHz Convex probe
- 6.5/7.0 MHz Trans-vaginal probe

Options:

- Cine loop
- Color ultrasound imaging system
- Video-Graphic printer
- Other probes

Technical Features

- Digital imaging processing technology
- Advanced transducer multifrequency technology
- 8-segment STC adjustment
- Affordable and economical
- ★ Focus method:17 stages of dynamic focusing & acoustical lens focusing
- ★ Imaging Processing: 8 frame correlations image pre-processing,8 γ adjustment image post processing
- Scanning mode:Convex, Micro convex and linear array
- Memory capacity: 512*512*8bits
- Zoom: X1.0, X1.2, X1.5, X2.0
- Monitor: 10 inch VGA monitor, non-interlace
- Optical track ball
- Voltage and current surge protector
- Rich OB software and cardiac software
- Depth Scope:0-200mm
- Voltage: 220 V/110V

WH9000C

Configuration:

- Main unit
- 2.5/3.5/4.0/5.0MHz Convex probe

Options:

- Cine loop
- Color ultrasound imaging system
- Video-Graphic printer

Application for scanning and diagnosing of liver, gallbladder, kidney,spleen,intestine & stomach, pancreas, thyroid, breast and superficial organs

WH9000C VET

Standard specification:

Main unit; 7.5 MHz Rectal probe

Option:

Printer
Color image workstation
Cine loop
3.5 MHz Rectal probe

Technical Features

Digital images processor
Focus method: adjustable caliber, 17 steps dynamic combined focusing and acoustic penetrating mirror focusing.
Scanning method: electronic linear, electronic convex and micro convex
Mode of Display: B, B/B, B/M, M.
Detecting Depth: 200mm.
Grey scale: 256.
Image processing: 8 frame-relation treatments and 8 Gamma calibration for different image demands.
STC adjustment with digital step control for any points in the image, which enable the doctor to get the ideal image.
Image zoom: 1.0, 1.2, 1.5, 2.0.
Monitor: 10' flat VGA Monitor, no interlace.
Rich measuring software and characters display
Voltage and current surge protector
Security: GB10152-1997, GB9706.1-1995 National ultrasound equipment security standard

Mr. Andrew
General Manager
China Shikang Medical Equipment Group Limited
Office Address: Room 305, Yuehuyinzuo, No. 66 East Road, Nanzhan,
Ningbo, Zhejiang, China
Website:http://www.worldhealthmed.com
E-mail: info@worldhealthmed.com
Msn: jiangxinggen1016@hotmail.com
Skype: andrew4531
Tel:0086-574-87489856
Fax:0086-574-87489856
Work Time: From Monday to Friday, A.M.8:00~P.M.17:00