

Z6 Portable Color Doppler Diagnostic Ultrasound System

From Succeed To Exceed

The Z6 portable Color Doppler ultrasound system is a well-balanced choice for those who require both the value of features from traditional color Doppler ultrasound system and the accessibility without any budget constraint. It will offer you amazing image quality and functionality with refreshing experience: we've done better to help you achieve more.

System Specifications

Net Weight: 8.8kg (including battery)

Dimensions: 7.48''L x 16.34''W x 14.88''H (19.0 cm L x 41.5 cm W x 37.8 cm H)

Display: 15'' diagonal LCD, High-Resolution 1024 x 768

Display Language:

Chinese/English/German/Spanish/French/Italian/
Portuguese/Russian/Czech/Polish

Power: System operates via rechargeable lithium-ion battery or AC power

Display Modes and Imaging Processing

Broadband, multi-frequency imaging:

- Single window
- B/C/D triplex mode
- Dual live: B/C, B/TDI,
- Adjustable time line display format (1:1, 1:2, Full)
- Dual-split: B/C, B/TDI, B/M, B/PW
- Quad-split

Image processing:

- Phase Shift Harmonic Imaging
- Tissue Harmonic Imaging
- iBeam™ Spatial Compound Imaging
- iClear™ Adaptive Speckle Suppression Imaging
- iTouch™ Auto Optimization
- iZoom™ Automatically expand the image to full screen
- Trapezoid imaging
- Slant scanning for linear probes (2D Steer)

User Interface

- Alphanumeric QWERTY keyboard with Backlight



- Multi-function Knobs
- Trackball for easy operation and navigation
- Ergonomic Soft Key Operations
- 8-Segment TGC
- User Defined Blank keys: shortcut for easy access to system menus and active parameter adjustment

Application

Abdominal, Obstetrical, Gynecological, Cardiac, Small parts, Urology, Vascular, Orthopedics, Emergency, Nerve

Intelligent Workflow/Storage/Review iStation™

- Intelligent patient data management platform with integrated search engine for patient data
- Intelligent data backup/ restore
- 320G integrated hard disk for Storage

Cine review

- Auto, Manual (auto review segment can be set), supports linked cine review for 2D, M/D images.

Cine memory capacity (Max.)

- Clip length presettable: 1-60s
- B mode: 12394 frames
- M mode: 181.1 s
- PW/CW: 169.6 s
- Color: 10121 frames

Max. frames in HDD

- 12905551 frames (JPG format)
- 232397 frames (FRM format)

iStorage

Connectivity

DICOM basic

- Task management

- DICOM storage
- DICOM print
- DICOM storage commitment
- DICOM media storage (including DICOM DIR)

DICOM Worklist

DICOM MPPS

DICOM Query/Retrieve

DICOM OB/GYN structured report

DICOM vascular structured report

DICOM cardiac structured report

Standard Configuration

- 15-inch LCD monitor
- Two transducer connector
- Control Panel
- Handle
- Indicators: Power/Battery/Standby/HDD status
- Color/PW
- Phase Shift harmonic imaging
- Shared Service Package
- Steer scanning for linear probes (2D Steer)
- iBeam™
- iTouch™

- ExFOV Imaging
- iStation™
- 320G integrated hard disk
- I/O Interfaces

Options

- iClear™
- IMT (Auto Calculation of Intima-Media Thickness)
- HPRF
- CW module
- iScape View
- Free Xros M (Anatomical M)
- TDI (Tissue Doppler imaging) module
- Application software packages
- DICOM
- Lithium-ion Battery
- Battery Pack
- External USB DVD-RW: SE-S224
- Footswitch
- Mobile trolley: UMT-150
- Mobile trolley: UMT-160
- Carrying Case
- Needle-guided brackets

Transducers	Applications	Bandwidth	Depths	Biopsy Kit
3C5P	Gynecology、Obstetrics、Pediatric、Abdominal、Vascular、Urology	2.0-5.0 MHz	30.2cm	Available
6C2P	Abdominal、Pediatric、Cephalic、Transcranial、Cardiac	5.0-8.5 MHz	29.6cm	Available
6CV1P	Gynecology、Obstetrics、Pediatric、Urology、Cephalic	5.0-8.5 MHz	29.6cm	Available
CB10-4P	Urology	5.0-8.5 MHz	29.6cm	Available
7L4P	Pediatric、Small organ、Musculo-skeletal、Vascular、Orthopedics、Nerve	5.0-10.0 MHz	29.6cm	Available
7L5P	Pediatric、Small organ、Musculo-skeletal、Vascular、Orthopedics、Nerve	5.0-10.0 MHz	29.6cm	Available
L14-6P	Small organ、Musculo-skeletal、Vascular、Nerve	8.0-14.0 MHz	29.6cm	Available
2P2P	Abdominal、Cardiac	2.0-3.5 MHz	31.4cm	Available
V10-4BP	Gynecology、Obstetrics、Pediatric、Urology、Cephalic	5.0-8.5 MHz	29.6cm	Available
7LT4P	Musculo-skeletal、Small organ、Intraoperative	5.0-10.0 MHz	29.6cm	Available
6LE7P	Gynecology、Obstetrics、Pediatric、Urology、Cephalic	5.0-8.5 MHz	29.6cm	Available