**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 connecter
- 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™

**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

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