

HC/HT Specifications

Ultrasound

GENERAL SYSTEM CHARACTERISTICS

- Preprocessing and post processing capabilities
- Cine loop videography
- Digital storage hard drive size 320-500 GB minimum ideally 1 TB as max
- Exam presets/protocols - customizable
- Digital calipers
- VA VISTA Imaging compatible
- Interface with Carestream cPACS
- Probes should have 14MHz and 7Mhz frequency??
- Ability to display color images
- Windows 7 or proprietary operating system
- Ability to have individual user accounts, system administrator
- Ability to disable USB ports
- 2 hours of battery life

PROBE CHARACTERISTICS

- Transducer types:
 - Flat linear array
 - Convex array
 - Phased vector microconvex array
 - Endorectal
 - TEE
 - 3D/4D
- Capabilities of transducers:
 - Abdominal – 2
 - Endocavity – 2
 - Intraoperative – 2
 - Musculoskeletal - 2
 - Orthopedic – 1
 - Urological - 2
- Needle visualization capability (for pain blocks)
- Continuous wave
- Shear Elastography

TRAINING

Clinical training:

- 40 hours onsite basic clinical system training

Technical Training:

- Technical Biomedical Engineering Training – 2 reserved
 - Quote to include all prerequisite courses necessary for modality service training
- Technical Biomedical Engineering Training Travel Package (Lodging/Meals/Transportation)

DIMENSIONS/ERGONOMICS

- High resolution color monitor
- 15-22 inch display
- Battery save mode
- Maximum display depth 340-420 mm

- QWERTY keyboard
- Internal DVD RW drive
- Ability to acquire images via button on probe
- Weight limit

WARRANTY

- 2 year warranty

Support and other Documentation to Provide:

- Provide DICOM Conformance Statement
- Provide approved FIPS 140-2 compliance document
- Provide current nationally approved memorandum of understanding/interagency security agreement (MOU/ISA)
- Provide completed Pre-procurement Assessment form (6550)
- Provide information about your company's applications and technical support structure during the warranty period (i.e. a listing of Field Service Engineer locations and availability, support 800 phone number(s), remote support, etc.)