

Functional Requirements for Portable & General Purpose Ultrasound

System Requirements:

1. Weight \leq 20 lb
2. Display \geq 8 in
3. Memory \geq 4 GB
4. Harmonic imaging
5. Quantitative assessment of blood flow
6. Needle visualization
7. Scan Mode: 2-D
8. Doppler
 - 8.1. CFM
9. Digital Calipers
10. Outputs
 - 10.1. Digital
 - 10.2. TV
11. Transducers
12. Probes
13. Analysis packages

Optional Items

1. Stand
2. Cine loop playback
3. Doppler
 - 3.1. CW
 - 3.2. PW
4. Cardiac Analysis

Support and other Documentation to Provide:

1. Provide DICOM Conformance Statement
2. Provide completed Pre-procurement Assessment form (6550) and MDS² document
3. Provide information about your companies 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.)
4. Please provide version/platform long-range plan
5. Two complete sets of the operator and maintenance manuals
 - 5.1. One set of each must be hardcopy and the other set must be on a DVD/CD

Training

1. On-site applications during GO LIVE – minimum 32 hour

2. Follow up equipment/applications training to be provided after technologists have hands-on experience with the system – minimum 16 hours
3. Biomed training (24 hours)

Optional Training Items

1. All prerequisite courses are including in the training costs.
2. One Biomed technician training (tuition, lodging, and travel).

Trade In

1. None