



## ACUSON Cypress Cardiovascular System *PLUS* Network Option

# ACUSON Cypress™ Cardiovascular System PLUS

## Network Option

The Cypress system Network Option allows networking of Cypress system studies to DICOM servers or to PCs operating the CypressViewer™ ultrasound software.

### CypressViewer Software

- The CypressViewer software is an application which allows Cypress system users to store, view, and analyze Cypress system studies on a standard Windows PC. It is a software-only product.
- The CypressViewer software replicates the same familiar user interface used for patient study storage and viewing on the Cypress system itself.
- The CypressViewer software offers an affordable, simple, and fast way for Cypress system users to initiate full digital review.
- The CypressViewer software handles Cypress-formatted studies which are compact in size without lossy compression.
- The CypressViewer software can also be used to convert and send Cypress system-formatted studies to a DICOM server.
- The full range of measurements and calculations offered on the Cypress system may be performed on the CypressViewer software.
- Full screen playback as well as quad screen playback for stress studies are available.
- CypressLink™ ultrasound connection greatly simplifies the interface of the Cypress system to the CypressViewer software PC, and helps manage the transmission of studies.
- Newly generated Cypress system studies as well as already existing Cypress system studies may be viewed.
- Studies may be moved from a PC with the CypressViewer software to a variety of local drive types for back-up storage.
- Company technical and service support is provided only to those customers who purchase the Networking Option, and is subject to certain conditions.

### Minimum PC Requirements for CypressViewer Software

The CypressViewer software requires the following minimum PC hardware and software in order to operate.

#### Supported Operating Systems

- Microsoft Windows® XP Professional, Windows XP Home, Windows 2000, or Windows NT4.0 (Service Pack 6 and Internet Explorer 4.72 or higher)

#### Minimum Hardware

- Processor Speed 1.2 GHz
- 256 MB RAM
- AGP Video Adapter
- Available Disk Space 2 GB
- Display Resolution 1024 x 768 pixels
- 24 bit Color
- Ethernet capability or Magneto Optical Disk Drive
- CD ROM Drive

### DICOM Networking

The Cypress system provides DICOM storage to Magneto Optical Disk as a standard feature. Networking in DICOM format is a purchasable option.

#### Specifications

- DICOM 3.0 Conformance for:
    - Network Verification Service Class User (SCU) and Service Class Provider (SCP)
    - Network storage SCU for single and multiframe images
    - Storage Commitment SCU
    - Modality worklist SCU
  - DICOM Image Formats:
    - Uncompressed
    - Run Length Encoded lossless compression
    - JPEG Baseline lossy compression (user adjustable)
  - Configure up to 32 DICOM Servers
  - 10 BaseT/100 Base T Ethernet Data Output
  - Complete DICOM Conformance Statement Available
- Specifications subject to change without notice*

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