



# CARDIOTECH GT-E70

## COLOR DOPPLER ULTRASOUND SYSTEM

In today's clinical environment, you need a machine combined with performance and versatility to help you make more for the patients. From normal diagnosis and report analysis to video and report record, the patients need more in every stage of their visits than ever before. Emperor Medical makes all the capabilities needed for growing practices to help you expand your clinical applications.

### EXCELLENT IMAGE PROCESSING TECHNOLOGY

- 3D/4D Imaging
- ePure
- eFCI
- eSCI
- eView
- THI

### IMPROVED PRODUCTIVITY

- One-button Image Optimization
- Menu Optimization
- Comprehensive Clinical Applications
- Patient Information Management System
- Efficient Workflow to Perform Better & Quicker
- Shortcut Keys for Workflow Facilities
- Easy Data Recording
- Diagnostic Report Generated Automatically
- USB Ports
- DICOM 3.0
- DVD-RW

### SUPERIOR IMAGE QUALITY

- Superior B-mode Imaging
- ePure Unique Speckle Reduction Technology
- eSpeed One Key Optimization
- eFCI Frequency Compounding Image
- eView Panoramic Imaging
- Self-adaptive Color Artifact Clearance
- Virtual Trapezoidal Imaging
- Auto Trace Calculation PW
- 2D with Harmonic Imaging
- Pulsed-Wave Doppler
- Continuous Wave (Upgradable)
- Multi-Beam Former
- 3D Imaging with Multilane Views
- 4D Image

### MORE COMFORTABLE & CONVENIENT

- Adjustable High-resolution LCD Monitor
- Fully Articulated Arm
- Highly Interactive Control Layout
- The Footrest for Stress Relieving
- Integrated Handle for Easy Moving
- Four Probe Connectors for Multi-applications

## CLINICAL APPLICATIONS

We try to make you comfortable in every stage of diagnosing, whether sitting or standing, you can make the relevant controls right at your fingertips to experience ease and simple, stress free operation.

With the fully articulated arm, you are able to move the monitor to facilitate suitable working postures and reduce repetitive stress injuries.



A. Adjustable high-resolution monitor and fully articulated arm afford you exceptional scanning experience with less neck strain and glide the screen into best position for you.



B. The console keys are right where you want them to be. We put the most frequently used controls at your fingertips and easy for your eyes to help reduce reaching and hyperextension for easy learning and memory.



E. Multi-function shortcut keys for clustering 95 percent of your most-used items in the interface, so you can focus on the patient instead of searching for the key.



## VOLUMETRIC PROBE

D. Excellent 4D Imaging, view the fetus structure including face, ear, nose and lips accurately.

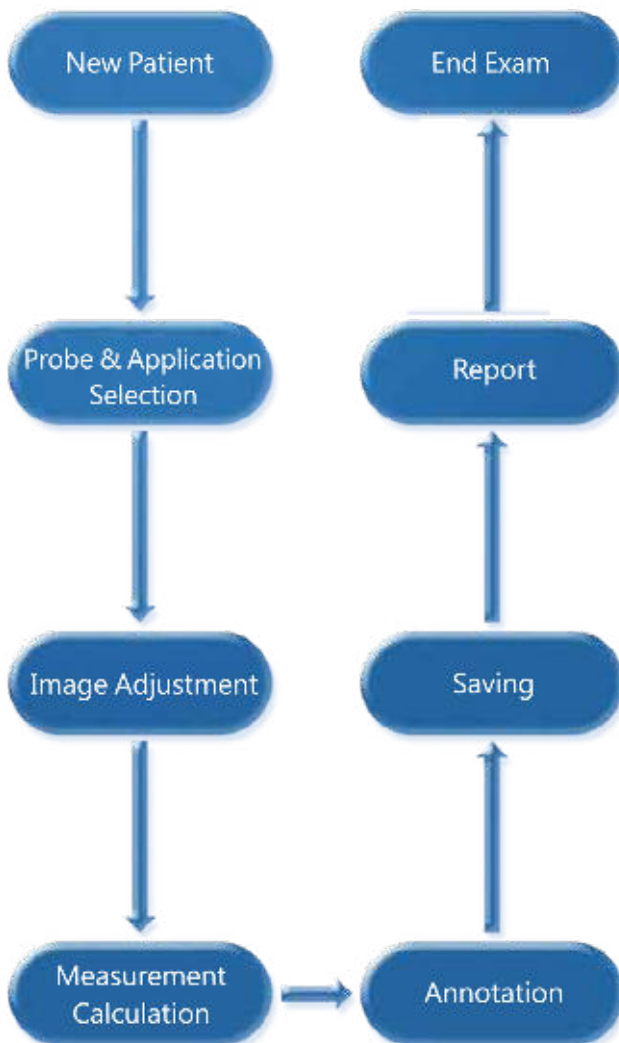


C. With four transducer connectors G70 can provide you multiple departments utility and reduce the time of switching between different departments.

## CLINICAL APPLICATIONS

The GT-E70 was designed with optimal workflow to help you focus on your patients. With our intelligent and easy learning user interface, you could learn all the advanced imaging and measurement technologies in a fast way.

In addition, the automatic image optimization technology can help you reduce exam time and minimizes keystrokes, freeing you from repetitive tasks.



### New Patient

- Automatic ID Generated
- Quick Loading for Patients' History Record

### Probe and Application Selection

- Fast Probe Switch (without power off)

### Image Adjustment

- Automatic Saving for Preset
- Various Parameters for Image Adjustments
- No Limitation for Local Zoom

### Measurement and Calculation

- Automatic Menu Switch
- Optimized Items for Measurement and Calculation
- More Displayed Measurement Results: 16
- Misoperation Cancel
- Automatic Spectral Calculation

### Annotation

- Automatic Body Mark Selection
- Large Annotation Database
- Moveable Annotation

### Saving

- Fast Save 64
- Filename Automatically Generated
- Fast Review for Current Patients

### Report

- Expert Database
- Automatically Generated Graph
- Image Adding for Report
- Patient Information
- Fast Search for Daily/Monthly/All Patients

## CLINICAL APPLICATIONS

### Gynecology

#### Obstetric

- Early Pregnancy
- Middle Later Pregnancy
- Fetus Cardiology

#### Vascular

- Periphery Artery
- Periphery Vein
- Carotid
- Jugular

#### Abdomen

- Adult Abdomen
- Adult Liver
- Adult Gallbladder
- Adult Spleen
- Kid Abdomen

#### Urology

- Kidney Ureter
- Bladder Prostate

#### Cardiology

- Adult Cardiology
- Kid Cardiology

#### Small Parts

- Mammary Glands
- Thyroid
- Eye Ball

#### Orthopedics

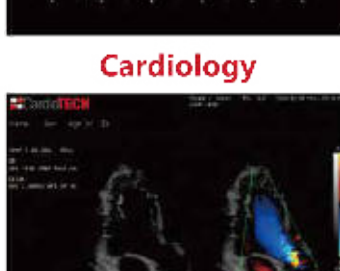
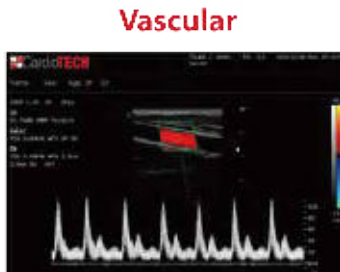
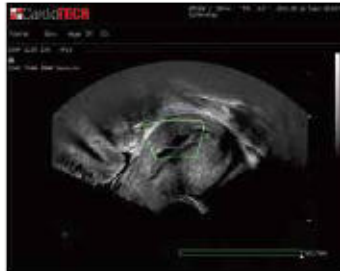
- Hip Joint
- Meniscus
- Joint Cavity
- Spine

#### Transcranial Doppler

### Abdomen



### Gynecology



### Vascular

### Cardiology

## IMAGE MODELS

- M-Mode
- B-mode
- Anatomic M
- CFM (Color Flow Imaging)**
- PW (Pulse Wave Doppler)**
- Duplex for Simultaneous**

- B+PW
- B+CFM
- B+PDI
- B+CFM Comparison
- B+PDI Comparison
- B+Direction PDI
- B+3D
- B+4D
- B+CW

### Triplex Mode

- B+CFM+PW
- B+PDI+PW

### Quad Mode

- B+B+B+B
- B/CFM+B/CFM+B/CFM+B/CFM
- B/PDI+B/ PDI+B/ PDI+B/PDI