

# CARDIOTECH CT-50

Portable Color Diagnostic Ultrasound Machine



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**Imaging Modes:** B mode, M mode, Color Doppler, PDI/DPDI, PW Doppler, CW Doppler, HPRF (High Pulse Repetition Frequency)

**Applications:** Abdomen, Gynecology, Obstetrics, Cardiology, Small parts, Urology, Vascular, Pediatric, Musculoskeletal



# Unparalleled Performance



The CT-50 offers unparalleled performance with a user-centric workflow in mind. This compact Diagnostic Ultrasound Machine boasts superb penetration and detail, making it an essential premium system for all types of practices. CT-50 has been well designed on the basis of sophisticated survey of the real needs from specific target group. The accurate product orientation and optimized technological integration ensure CT-50 exert authentic accounts to pioneer the popularization.

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## Features



- Pulsed Wave Doppler
  - Multi-Beam-Forming
  - Dicom 3.0 (Optional)
  - Footswitch (Optional)
  - Mobile Trolley (Optional)
  - Carrying Case (Optional)
  - High Resolution LCD Screen
  - Color Doppler Flow Imaging
  - Speckle Resistance Imaging
  - Needle-Guided Brackets (Optional)
  - Optional Cart and Carrying Case to Protection The System During Transport
  - Light-Weight Design for Excellent Mobility
  - Power (Directional Power) Doppler Imaging
  - Built-In Rechargeable Li-Ion Battery (Optional)
  - Large Capacity Integrated Hard Disk(Optional)
  - Phased Inversion Harmonic Compound Imaging
  - Multi-Frequency Broadband Transducer Selection
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## One system. Twelve applications. Countless patients.



Whether your imaging study requires unparalleled detail and contrast resolution of high frequency musculoskeletal imaging, or superb penetration to evaluate deep abdominal targets, the suite of transducer optimized for the CT-50 ultrasound system ensures you can scan more patients, across more applications, with more diagnostic confidence. Characterized by a compact, lightweight design and user-centric workflow, the CT-50 meets the need for a highly portable and easy-to-use ultrasound system.

## Transducers



## Specifications

### Curved Array:

**Model:** C352UB

**Frequency:** 2-6 MHZ

### Micro-Convex Array:

**Model:** C612UB

**Frequency:** 5-10 MHZ

### Endovaginal:

**Model:** E612UB

**Frequency:** 5-8 MHZ

### Linear Array:

**Model:** L742UB

**Frequency:** 5-10 MHZ

### Linear Array:

**Model:** L552UB

**Frequency:** 5-10 MHZ

### Micro-Convex Array:

**Model:** C422UB

**Frequency:** 3-6 MHZ

5963 Olivas Park Dr Suite F, Ventura, CA 93003  
**888.354.2968**

