



With premium imaging performance, high speed operation, clinical versatility and flexible design, the DC-7 is an ideal imaging tool for a wide variety of applications.

*The DC-7 is a diagnostic ultrasound system that is designed for today's demanding imaging solutions. It easily meets the challenges of multi-specialty care environments - from routine studies to the most difficult examinations. The DC-7 is "excellence in ultrasound imaging." With premium platform technologies, this system delivers superior image quality for all patient types. Intuitive workflow, along with simple operational and ergonomic features, enables clinicians to achieve high patient throughput while maintaining superior user comfort.*



DC7-MultiSpecialty  
by MINDRAY  
with iClear™ Technology

Multi-Specialty

Speed • Quality • Versatility • Flexibility

### Advanced Imaging Technologies

- Tissue Harmonic Imaging
- Trapezoid Imaging
- Tissue Doppler Imaging (optional)
- Free Xros M: anatomical M mode (optional)
- Frequency Compound Imaging
- iBeam™: Spatial Compound Imaging - reduces random noise and enhances border differentiation
- iClear™: Adaptive Speckle Suppression Imaging - speckle reduction technology improves contrast resolution without compromising spatial resolution
- Contrast imaging: enhances visualization of pathological structures
- iScape™ view: Panoramic Imaging - provides extended field of view with real-time alignment (optional)
- IMT: automatically calculates and analyzes the carotid intima-media thickness (optional)
- Steered Scanning B, Color/Power, PW/CW Independent
- 10° and 20° steering for Vascular applications
- Power and Directional Color Doppler
- Smart 3D: Freehand 3D (optional)
- Easy ZOOM to visualize small anatomic structures
- 2D, Colorflow, PW Doppler, Power Doppler, M Mode
- CW Doppler, 3D/4D (optional)

### Dedicated Applications for Multiple Specialties

- Multi specific exam modes, more than twenty probes available
- Full range of standard and specialty transducers
- User defined Abdominal, Small Parts, Vascular, Urology, Pediatric, Cardiology, Obstetrics and Gynecology formulas, measurements and custom reports

### Exceptional Productivity

- iTouch™: one key optimization for B, PW/CW imaging
- iStation™: on board data management and connectivity
- Fast System response: keeps you focused on imaging and patient care
- Four active probe ports: saves probe switch time between different exams
- DICOM 3.0 (Storage, Print, DIR, Worklist, SR, MPPS, HIS, RIS) (optional)
- User programmable presets for clinical specialties, patient types
- User programmable measurement, calculation, report and operator preferences
- Image Archive on hard Disk or Removable Media
- Efficient Output of Static Image and Dynamic Clips to External Devices: graph/text printer, video printer, VCR, DVD, USB memory

### System Design and Ergonomics

- High resolution LCD Display
- Omni-Directional, Articulated Arm
- Dim: 64 in (H) x 24 in (D) x 20 in (W)
- Wt: 287 lbs.

### Transducers

- Wideband - Multifrequency Imaging Transducers
- Disposable and reusable needle-guided brackets (optional)

#### CONVEX

##### **3C5A**

3-5MHz Abdominal

##### **C5-2\***

2-5MHz Abdominal

##### **6C2**

2-6MHz Pediatric & Small Parts

#### INTRA-CAVITARY

##### **V10-4\***

4-10MHz/160° (Straight Handle)

##### **V10-4B**

4-10MHz/160° (Curved Handle)

#### LINEAR-Sm.Pts/Vasc/Breast

**7L4A** 5-10MHz

**L11-4\*** 4-11MHz

**L12-4** 4-12MHz

**L14-6** 6-14MHz

**L7-3** 3-7MHz

**7L5** 5-10MHz

#### PHASED ARRAY

##### **2P2\***

2-4MHz Cardiac/Abdominal

#### VOLUME

##### **4CD4\***

3D/4D Abdominal

\* Picture Shown



C5-2



V10-4



L11-4



2P2



4CD4

# Imaging Concepts

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