

MINDRAY



DC-3 
Diagnostic Ultrasound System



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A Compact Design with Exceptional Ergonomics

Mindray introduces the DC-3, a compact system with best mobility and flexibility, promising completely new ultrasound scanning experiences through excellent ergonomics and intelligent workflow to accommodate a wide range of applications in different working environments.

Delivering convincing image performance and versatile diagnostic solutions, the DC-3 is designed to perform with speed and accuracy, providing clinicians the ability to obtain enhanced diagnostic confidence with the greatest ease of use and optimal user comfort.



Featuring a high-resolution 15-inch TFT monitor of wide view angle, an omni directional arm, together with a rotatable and height adjustable control panel, the DC-3 offers optimum positioning flexibility for easy transportation among rooms and greatly reduces the room utilization during the exam.



The DC-3 is designed with customer's comfort in mind, thus providing various solutions to relieve operator's fatigue:

- The home based operation panel is designed considerately and logically with intuitive menu adjustment knob array and functional button layout.
- The transducers are ergonomically designed with hand-fit shape, light weight, and flexible cable, and can be quickly switched with four transducer sockets.
- The USB ports and DVD-R/W are easily accessible, allowing versatile information flow at hand.



An Easy Scan You Can Rely On

The DC-3 provides the versatility and flexibility through intelligent workflow. A variety of exam types provide the clinician the ability to configure the DC-3 to meet specific and/or multiple needs. Powerful user-defined presets include imaging parameters, exam modes, measurement items, calculations, shortcut keys, and annotations, facilitating customization of the DC-3 to adopt your own preferences for specific exam packages.

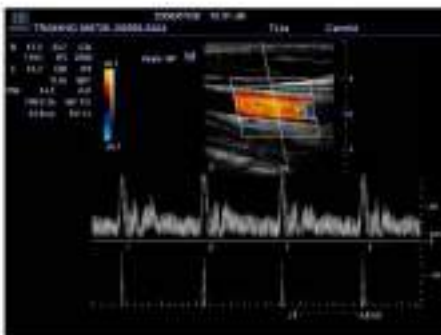
Brilliant shortcuts enhance your efficiency during scanning: one button iTouch™ (intelligent image optimization) for immediate image optimization, one grouped parameter IP for quick image processing, Q-click™ function for direct on-screen parameter adjustment, and hot keys for intuitive operation.



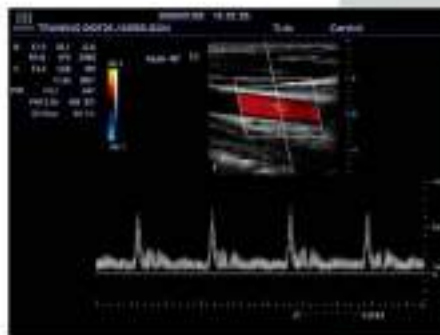
Before iTouch



After iTouch



Before iTouch



After iTouch



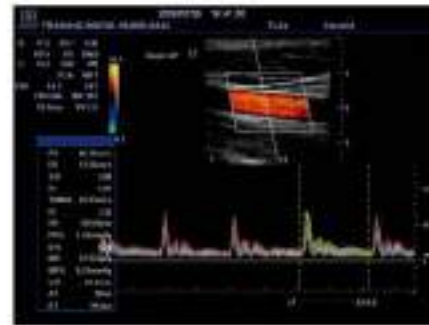
User-define OB table



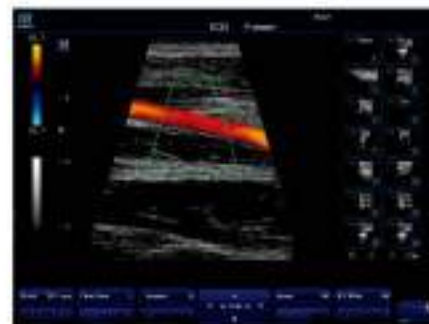
User-define soft key layout

The operation interface is friendly organized to realize intuitive parameter adjustment and fast measurement. Thumbnails of saved images and cineclips provide an immediate overview of exam progress.

The iStation™ provides fast and efficient storage, review, management, and transfer of imaging and patient data. Archiving of thousands of exams can be done with the 80GB hard drive. Multiple formats, including DICOM, BMP, JPG, and AVI, are supported for image and cine transfer either by network, DVD R/W, or USB port. In addition, images from the exam can be embedded in the Exam Report with programmable templates.



PW auto trace



Thumbnail review



Image review

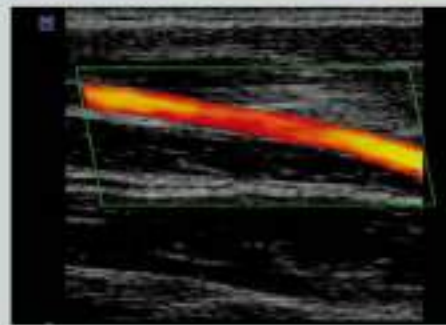
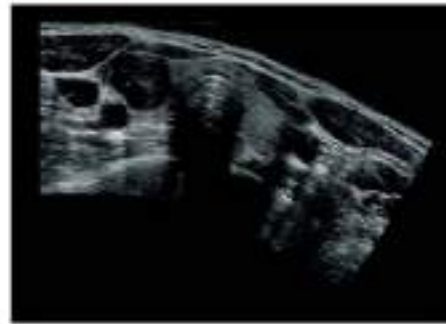


Report template

A Commitment to Robust Performance

The DC-3 promises comprehensive and versatile performance for extensive applications, offering a complete range of imaging modes including: 2D, M, PW, CW, HPRF, Color, Power and Directional Power.





Additional features include but not limited to:

- iBeam™ (Spatial compounding imaging technology) – increasing spatial resolution without compromising imaging frame rate
- HDS (High density Sampling) – providing more details for enhanced diagnosis confidence
- FTO (Fine tissue optimization) – eliminating noise of 2D images, based on speckle reduction technology
- THI (Tissue harmonic imaging) – achieving better contrast and spatial resolution, especially for technically difficult subjects
- B steer – maneuvering the ultrasound beam for better visualization, especially for the needle guided treatment
- Trapezoid imaging – enlarging the field of view with linear probes to show more tissue information
- iScape View™ (Panoramic imaging) – allowing exceptional visualization of anatomical structures and relationships over an extended length of anatomy
- Smart3D (Freehand 3D) – rebuilding 3D structure for more informative observation

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