

DC-3

Diagnostic Ultrasound System

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MINDRAY



MINDRAY™

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DC-3 NEW

Diagnostic Ultrasound System



DC-3

Diagnostic Ultrasound System

Designed from the all-digital architecture, the DC-3 provides the excellent imaging performance and workflow to address a wide range of clinical applications and working environment. The DC-3 integrates brilliant color imaging capability with uncompromised 2D performance.



Technologies guarantee confident diagnosis

Key technologies include:

Multi-beam Parallel imaging (MBP) increases temporal resolution and real-time frame rate, while collecting more information to re-build high quality images.

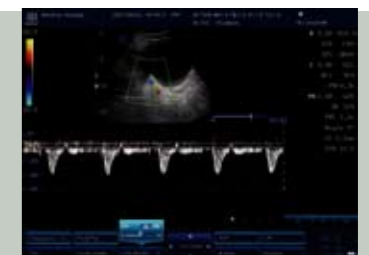
PowEngin working with all DC-3 transducers provides image homogenization throughout the whole field up to 30cm deep.

Trapezoidal imaging increase anatomic information by providing wider field of vision.

Advanced technology include:

Tissue Harmonic Imaging (THI) enhances contrast and spacial resolution with better noise resistance.

CW continuous wave Doppler expands hemodynamic diagnosis to professional cardiac application, especially congenital heart diseases, offering more clinical accuracy and reliability.



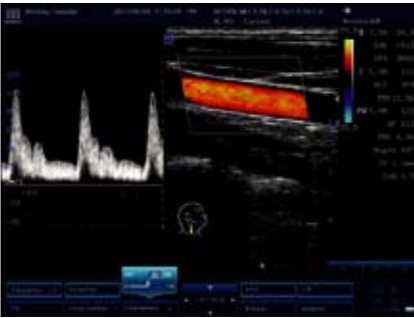
High-quality 2D imaging and high sensitive color Doppler exams



The DC-3 delivers outstanding combination of good 2D imaging and sensitive color Doppler performance. The compact DC-3 fits versatile clinical needs and will satisfy growing requirements from the new ultrasound healthcare environments.



The DC-3 offers:
Outstanding 2D imaging provides precise anatomical information.
Superior pulsed wave Doppler function guarantees reliable quantitative capabilities
Sensitive color Doppler imaging proves accurate visualization of any small blood flow direction and velocity information.



Advanced imaging modes including:

- *Smart3D™ - Upgrade diagnostic capabilities to view more, analyze more and diagnose more with added confidence .**
- *iScape View™ panoramic imaging - Extend to a wider field of vision for more clinical information, such as the whole thyroid or a big mass display .**
- Free Xros™ anatomic M mode - Provide anatomically precise observation and measurements regardless of orientation.**

(*Smart 3D and iScape panoramic imaging are only compatible on DC-3 Expert.)



Compact and intuitive design

Quickly optimize the image quality with one button iTouch™ (intelligent image optimization) for better whole field grayscale and uniformity, IP for parameter group processing and active screen parameter adjustment.

Powerful user-programmable calculation & measurement function. Users can set up calculation formulae according to their specific clinical needs and define new studies for special exams. The whole diagnosis process can be carried out in terms of users' own habits.

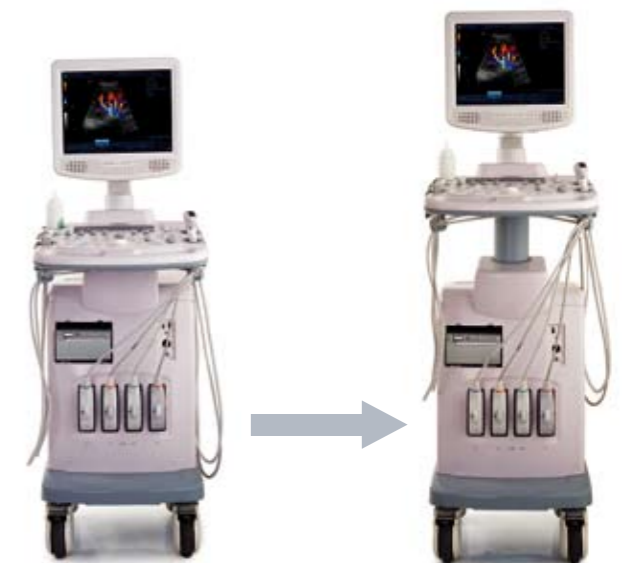


Easily store, review and manage patient data with the intelligent information management platform iStation™, shortcuts and the user-defined keys accordingly. The DC-3 system integrates seamless network and plug-and-play connectivity such as DICOM, USB ports and so on.

The DC-3 offers intuitive interface with functional ergonomics. A compact main unit design, the DC-3 features a high-resolution 15-inch TFT monitor mounted on an omni directional arm that can be widely rotated and be safe when transporting. It is easier to optimize the DC-3 position because of its compact body and foldable flat display panel. Considering the home based operation panel, intuitive interface and alphabetic key board, the DC-3 is of great friendliness for users of different ultrasound experience.



Intuitive control panel with wide a range of motion



Height adjustable for operation comfort

The DC-3 is designed to make your scanning more comfortable, fast-learning and communicating easily.