

**Portable B/W ultrasound scanners**



**DP2200**

- ★ ★ ★ Image resolution. Aimed at the GP/Economic Market
- 10" non-interlaced monitor
- One transducer connector
- 128-frame CINE loop
- 90-frame image storage
- One USB port
- Measurement & calculation software packages
- Electronic convex array transducer: 35C50EB (2.5/3.5/5.0MHz)



**DP3300**

- ★ ★ ★ ★ Image resolution. Aimed at the Sonographer
- 10" non-interlaced monitor
- One transducer connector
- Two USB ports
- 128-frame CINE loop
- 90 images built-in storage
- Multi-purpose ----- abdominal, urology, GYN, OB, small parts, and biopsy
- Digital beam-former
- Multi-frequency transducer series—Max frequency up to 10MHz
- Measurement & calculation software packages
- Electronic convex array transducer: 35C50EB (2.0/3.5/5.0MHz)



**DP6600**

- ★ ★ ★ ★ ★ Image resolution. Aimed at the Sonographer and Hospital
- 10" non-interlaced monitor
- TSI (Tissue Speciality Imaging)
- Two transducer connectors
- 256-frame CINE loop
- 90 images built-in storage
- Two USB ports
- Multi-purpose ----- abdominal, urology, GYN, OB, small parts, paediatric, cardiology, biopsy
- Digital beam-former
- Two transducer connectors
- Multi-frequency transducer series
- Max frequency up to 10MHz
- Measurement & calculation software packages
- Electronic convex array transducer: 35C50EA (2.0/3.5/6.0MHz)

**Optional accessories for portable range:**

- Electronic linear array transducer: 75L38EB (5.0/7.5/10MHz)
- Electronic linear array transducer: 75L60EA (5.0/7.5/10MHz)
- Endocavity transducer: 65EC10EB (5.0/6.5/8.0MHz)
- Micro-convex array transducer: 65C15EA (5.0/6.5/8.0MHz)
- Micro-convex array transducer: 35C20EA(2.5/3.5/6.0MHz)
- Two transducer connectors
- Needle-guided brackets
- DICOM3.0
- Footswitch
- Mobile trolley
- Hand carried bag



All equipment is covered by a 1 year warranty unless otherwise stated E. & O.E.

**Portable B/W ultrasound scanners**

**NEW - NEW - NEW - NEW - NEW**



**Upgrades from DP-6900:**

- From 6 to 8 TGC
- 4B picture preview
- 80GB Hard Disk—Mass storage
- 5 programmable function keys (F1-F5)
- Single button quick save to external USB stick

**DP-6900**

- Tissue Harmonic Imaging (THI), Tissue Specific Imaging (TSI)
- Multipurpose----9 transducers available with up to 6 frequencies
- Comprehensive exam modes and measurement packages (OB/GYN, abdomen, small parts, cardiology, urology, orthopedics, vascular, breast, prostate, MSK, nerve, intraoperative), supporting user-defined functions
- iStationTM----Patient information management system
- User-defined soft keys, one key quick image storage to local disk or USB drive

**Standard Configuration:**

- DP-6900 main unit
- 10" non-interlaced monitor
- THI (Tissue Harmonic Imaging)
- iStationTM Patient Information Management System
- Two USB ports
- 400M standard image-storage capacity
- Measurement & calculation software packages
- Second transducer connector
- 80G massive image-storage module

**Optional:**

- Electronic convex array transducer: 35C50EA (2.0/3.5/5.0/6.0/H4.6/H6.0MHz)
- Electronic linear array transducer: 75L38EA (5.0/7.5/8.5/10MHz)
- Electronic linear array transducer: 75L60EA (5.0/7.5/8.5/10MHz)
- Electronic linear array transducer: 75L53EA (5.0/7.5/8.5/10MHz)
- Electronic micro-convex array transducer: 35C20EA (2.0/2.5/3.5/5.0MHz)
- Electronic micro-convex array transducer: 65C15EA (5.0/6.5/7.5/8.5MHz)
- Electronic endocavity transducer: 65EC10EA (5.0/6.5/7.5/8.5MHz)
- Electronic intrarectal linear array transducer: 65EL60EA (5.0/6.5/7.5/8.5MHz)
- Electronic intraoperative T-shape transducer: 75LT38EA (5.0/7.5/8.5/10MHz)

- Needle-guided brackets
- DICOM 3.0
- Mobile trolley
- Footswitch
- Hand carried bag
- Transportation & operation bag
- Rechargeable battery (external)

**Mobile B/W ultrasound scanners**



**DP9900**

★★★★★ Image resolution.  
 14" non-interlaced monitor  
 Tissue Harmonic Imaging (THI)  
 256-frame cine loop in B, B/B, M and B/M mode  
 Built-in patient information management system  
 80G hard disk  
 Two USB ports and CD-R/W  
 Measurement & calculation software packages  
 Convex transducer: 35C50HA (2.5/3.5/5.0/H4.6/H6.0MHz)

Wide clinical applications ----- can be used in abdomen, urology, gynaecology, obstetrics, small parts, cardiology, endo-cavity and intervention

Advanced digital imaging technologies ----- excellent image quality with high resolution and high penetration

IP (Image Process) function ----- help you with adjustment of image parameters fast and easily  
 THI (Tissue Harmonic Imaging)  
 TSI (Tissue Speciality Imaging)  
 Max frequency up to 10MHz  
 Transducer technology ----- high sensitivity, wide band and multi-frequency transducer series

**Optional for DP9900:**

Liner array transducer: 75L38HA/HB (6.0/7.5/8.5/10MHz)  
 Liner array transducer: 75L60HB (6.0/7.5/8.5/10MHz)  
 Micro-convex array transducer: 35C20HA (2.0/2.5/3.5/5.0MHz)  
 Micro-convex array transducer: 65C15HA (5.0/6.5/7.5/8.5MHz)  
 Endocavity transducer: 65EC10HA (5.0/6.5/7.5/8.5MHz)  
 DICOM 3.0  
 Needle-guided brackets  
 Water-resistant footswitch



**DP8800**

★★★★★ Image resolution.  
 14" non-interlaced monitor  
 CD-R/W  
 256-frame cine loop in B, B/B, M and B/M mode  
 Built-in patient information management system  
 80G hard disk  
 Two USB ports and one RS-232 port  
 Measurement & calculation software packages  
 Convex transducer: 35C50EA (2.0/2.5/3.5/5.0MHz)

Multi-purpose ----- can be used in abdomen, urology, gynaecology, obstetrics, small parts, endo-cavity, orthopaedics and intervention

Transducer technology ----- high sensitivity, wide band and triple-frequency transducer series

**Options for DP88/7700:**

Electronic liner array transducer: 75L38EB (5.0/7.5/10.0MHz)  
 Electronic liner array transducer: 75L60EA (5.0/7.5/10.0MHz)  
 Electronic endocavity transducer: 65EC10EB (5.0/6.5/8.0MHz)  
 Electronic micro-convex transducer: 65C15EA (5.0/6.5/8.0MHz)  
 DICOM 3.0, Needle-guided brackets, Footswitch



**DP7700**

★★★ Image resolution.  
 10" non-interlaced monitor (14" screen optional)  
 128-frame cine loop  
 16-frame image storage  
 Built-in image archive,  
 Two USB ports  
 Measurement & calculation software packages  
 Convex transducer: 35C50EB (2.5/3.5/5.0MHz)

All-digital imaging technology  
 Multi-frequency transducers up to 10MHz  
 Extensive clinical applications

Complete OB/GYN solutions  
 128-frame cine loop & 16-frame image storage  
 IP (Image Process) function

All equipment is covered by a 1 year warranty unless otherwise stated E. & O.E.

**Mobile B/W ultrasound scanners**

**NEW - NEW - NEW - NEW - NEW**

**DP-8500**

Digital Ultrasonic Diagnostic Imaging System

DP-8500, a new generation of Mindray's cart-based ultrasound system, meets your needs for excellent image quality and flexibility. It features convenient workflow, powerful user-defined functions as well as a variety of clinical applications, such as abdomen, OB/GYN, cardiology and emerging applications, like MSK, urology, nerve, etc. Together with 15" medical grade LCD monitor, DP-8500 provides diagnostic confidence and reduces your fatigue in your daily work.



**Features:**

- Tissue Harmonic Imaging (THI), Tissue Specific Imaging (TSI)
- Multipurpose----9 transducers available with up to 6 frequencies
- Comprehensive exam modes and measurement packages (OB/GYN, abdomen, small parts, cardiology, urology, orthopedics, vascular, breast, prostate, MSK, nerve, intraoperative), supporting user-defined functions
- iStationTM-----Patient information management system
- Images of two different probes shown simultaneously under 2B mode, one-key simple switch between the two images
- User-defined soft keys, one key quick image storage to local disk or USB drive

**Standard Configuration:**

- DP-8500 main unit
- 15" medical grade LCD monitor
- THI (Tissue Harmonic Imaging)
- iStationTM Patient Information Management System
- Two transducer connectors
- 400M standard image-storage capacity
- Measurement & calculation software packages
- DVD-RW
- USB ports, S-video & VGA ports

**Optional Transducers:**

- Convex 35C50EA (2.0/3.5/5.0/6.0/H4.6/H6.0MHz)
- Linear 75L38EA (5.0/7.5/8.5/10MHz)
- Linear 75L60EA (5.0/7.5/8.5/10MHz)
- Linear 75L53EA (5.0/7.5/8.5/10MHz)
- Micro-convex 35C20EA (2.0/2.5/3.5/5.0MHz)
- Micro-convex 65C15EA (5.0/6.5/7.5/8.5MHz)
- Endocavity 65EC10EA (5.0/6.5/7.5/8.5MHz)
- Intrarectal linear 65EL60EA (5.0/6.5/7.5/8.5MHz)
- Intraoperative T-shape 75LT38EA (5.0/7.5/8.5/10MHz)

**Other Options:**

- 320G massive image-storage module
- Needle-guided brackets
- DICOM 3.0
- Water-resistant footswitch

All equipment is covered by a 1 year warranty unless otherwise stated E. & O.E.

# Colour Doppler Ultrasound—Portable



### Good Things Come in Small Packages

The launch of Mindray's new laptop-size ultrasound systems will bring along users worldwide a new era of full functional hand carried ultrasound system.

### Rely on the high performance

Weight approximate 6Kg, delivering a full range of functionality and solid diagnostic confidence

Brilliant colour imaging capability and excellent 2D performance, with impressive THI (tissue harmonic imaging) for better contrast and spatial resolutions

The image homogenization fulfils the whole field of vision up to 30cm deep.

Complete imaging modes: 2D, M, PW, HPRF, CW\*, Free Xros™ (anatomical M mode)\*, Colour, Power and DirPower.

\*available soon

iScope™ View (panoramic imaging) and trapezoidal imaging expands to a wider field of vision

iBeam™ function, which is a spatial compounding imaging technology, increases spatial resolution without any compromise in frame rate, thus collecting more useful information to generate higher quality images.

Home-based layout and screen display synchronous operator's navigation

Quickly optimize the image quality with one button iTouch™ (intelligent image optimization) for better whole field greyscale and uniformity

IP (image processing) for balanced parameter groups

Soft keys for direct menu function on the interface

Active screen parameter adjustment

Take M5 with you anytime and anywhere. Uniquely, with its small size, M5 is easy to transport, boosting its application to more occasions such as ambulances, gymnasiums, operation rooms as well as in the field.

Benefiting from a fast boot up, rechargeable batteries and light-weight multi-frequency transducers, the M5 is ready for scanning wherever and whenever necessary.

Easy storage, fast review and efficient management of patient data can be realized by the intelligent information management platform iStation™ with storage capacity of 80G HDD, the shortcuts and user-defined keys accordingly, supporting off-line analysis of both data and images.

Moreover, the M5 system integrates seamless network and plug-and-play connectivity such as DICOM, USB ports, DVD-R/W, DVD recorder and so on.



## Colour Doppler ultrasound—mobile (General Ultrasound)



### DC-3

Designed on the all-digital architecture, the DC-3 provides convincing imaging performance with smooth workflow to accommodate a wide range of clinical applications in different working environments. The DC-3 integrates amazing color imaging capability with uncompromised 2D responsibility.

#### Key technologies include

- PowEngin working with all DC-3 transducers provides image homogenization throughout the whole field of view.
- Multi-beam Parallel imaging (MBP) increases temporal resolution and real-time frame rate, while collecting useful information to re-build high quality images.
- Accurate Vessel Imaging (AVI) automatically distinguishes subtle tissue Doppler signal from blood cells to form high resolution images.
- Synthetic Aperture Processing (SAP) significantly improves image uniformity and penetration.
- High Density Sampling (HDS) exalts expression of details to provide more diagnosis confidence.

#### Advanced technology options include

- Tissue Harmonic Imaging (THI)
- 2D colour modes.
- iBeam™
- Superior pulse wave Doppler imaging
- HPRF (High Pulse Repetition Frequency).
- iScape™ panoramic imaging
- 4D Imaging



### DC-6

Mindray offers you the premium color Doppler DC-6 Expert which brings you unexpected productivity and accuracy based on its optimized image processing technologies and packages of clinical solutions. The DC-6 Expert enhances the interactive process connecting sonographers, patients, transducers and instrument. The more ergonomic design makes a further step to deliver much more efficiency and comfort.

#### Reliable Clinical Performance

The DC-6 Expert offers excellent performance and versatility for a wide range of clinical applications, bringing you more confidence for any diagnosis than ever before.

- Streamlined Intelligent Work Flow
- Outstanding Ergonomic Design
- The intelligent work flow offers efficiency and satisfaction in work

DC-6 Expert is designed to offer more ergonomic benefits. With a user-friendly interface, DC-6 Expert integrates many image optimization solutions, simplifying exam procedure, reducing repetitive adjustment for greatly increased efficiency and diagnostic confidence. DC-6 Expert is engineered to offer iTouch for the automatic image optimization and IP which can be preset by users for groups of image

## Colour Doppler ultrasound—mobile (Cardiac & General)



### DC-7

#### Diagnostic Ultrasound System

Mindray introduces the shining color Doppler ultrasound DC-7, demonstrating the commitment to deliver value added products and solutions. DC-7 is highly configurable, from dedicated use in a single department, or as a general purpose system for more complete hospital and point-of-care support. It also succeeds to push the boundaries of image quality, ergonomic design and simplified workflow to address more and more challenges, such as, aging population, restricted budgets and a shortage of qualified personnel and so on.

#### Features:

- 4D imaging: real time, more details
- Contrast Imaging: enhance pathology structures
- iClear™ : speckle noise reduction.
- iScape™ view: wide field of view imaging
- iZoom: full screen image display to offer more visibility
- Phase inversion tissue harmonic imaging
- Touch screen: Multi-language input and user definable selections and layout
- High resolution LCD monitor

#### Radiology Application:

The DC-7 provides the versatility and premium image quality needed across a wide range of patients and exam types from deep abdominal to superficial small parts.

With streamlined workflow, DC-7 makes your scanning comfortable and productive

#### Advanced technology:

- iClear : speckle reduction technology improves contrast resolution without compromising spatial resolution
- iBeam™: reduces random noise and enhances border differentiation
- Frequency compounding imaging: achieves the excellent balance between spatial resolution and penetration at depth

#### Wide clinical applications:

- Contrast imaging: enhances visualization of pathological structures
- iScape™ view: provides extended field of view with real-time alignment
- IMT: automatically calculates and analyzes the carotid intima-media thickness
- Fifty specific exam modes, more than twenty probes
- Rich series of biopsy devices, including both disposable and reusable needle-guided brackets
- Streamlined workflow:
- Fast system response: keeps you focus on images and patients
- Four active probe ports: saves probe switch time between any different exams
- DICOM3.0 (Storage, Print, DIR, Worklist, MPPS, HIS,RIS )