

# MINDRAY



## DP-6600

Digital Ultrasonic Diagnostic Imaging System

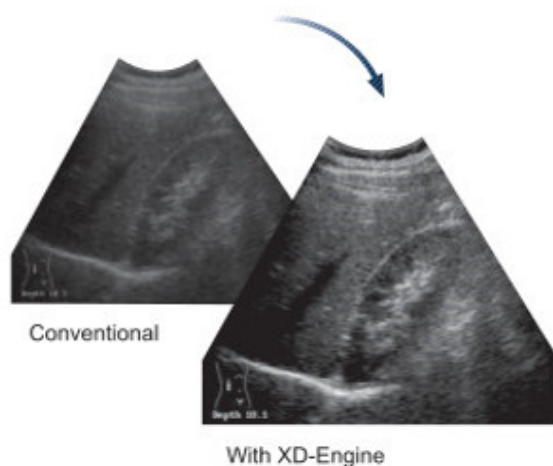




**A**

## Innovative Technology

DP-6600, motivated by the XD-Engine, optimizes imaging precision via all digital technologies and ensures the reality and perfection of images



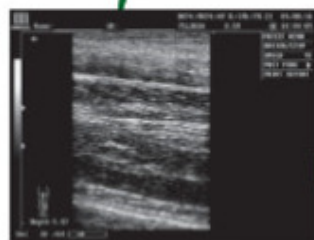
General



Fatty



TSI



Muscle



Fluid

**B**

## Incomparable Image Quality

Tissue Speciality Imaging adjusts the imaging parameters flexibly according to the speciality of the tissue scanned, presenting you high definition images.

# DP-6600

## Digital Ultrasonic Diagnostic Imaging System

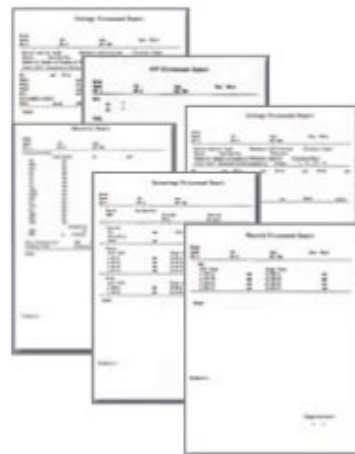
With innovative technologies and optimized design, Mindray's portable Ultrasound system, DP-6600 brings high quality digital diagnostic image to wherever you want. Excellent imaging performance and reliable diagnosis make clinical examinations easier.



C

## Extensive Applications

With a variety of multi-frequency transducers, abundant measurement and calculation software packages, DP-6600 ensures optimal images and solid diagnosis confidence for each clinical application.



Microanatomy Imaging (Tendon)



USB



DICOM



D

## Extraordinary Features

DP-6600 bears remarkable features, which are unique only to high-end system:

- Multi-frequency transducers
- 10MHz microanatomy imaging
- 256-frame cine loop
- 16-frame images storage
- Dual USB ports and DICOM3.0

E

## Friendly and Easy-to-use

With elegant outline, foldup control panel and an optional mobile trolley, DP-6600 creates a comfortable working environment.

10" non-interlaced display, back-lit keyboard and dual transducer ports minimize your working fatigue.







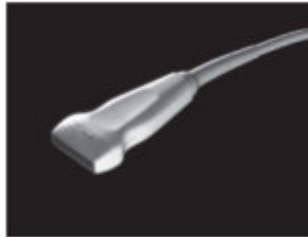
## Multi-frequency Transducers



CA 3.5MHz/R50 Convex (2.0/3.5/6.0MHz)  
Application: Abdomen, GYN, OB, Urology



EV6.5MHz/R10 Endocavity (5.0/6.5/8.0MHz)  
Application: Endovaginal, Endorectal



LA7.5MHz/L38 Linear (5.0/7.5/10MHz)  
Application: Small Parts



CA3.5MHz/R20 Micro-convex (2.0/3.5/6.0MHz)  
Application: Pediatric, Cardiac

## Needle-guided Brackets



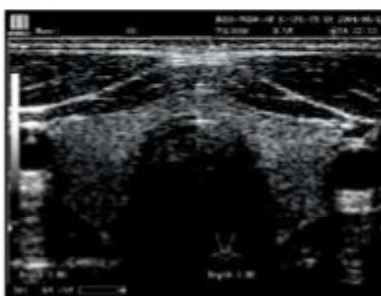
Normal Kidney



Uterus



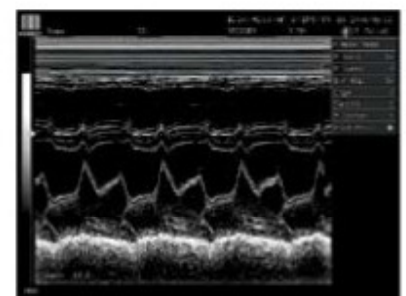
Head of Fetus



Normal Thyroid



CCA



Heart (M mode)

# DP-6600

## Digital Ultrasonic Diagnostic Imaging System

### Technical specifications

#### General Descriptions

Imaging mode:	B, B+B, B+M, M
Gray scale:	256
Display:	10" non-interlaced
Transducer frequency:	2.0 ~ 10MHz
Transducer connector:	2 (standard)
Beam-forming:	Digital Beam-forming (DBF) Dynamic Receiving Focusing (DRF) Dynamic Frequency Scan (DFS) Tissue Speciality Imaging (TSI)
Scanning angle:	from 40 to 128 degree (depending on transducers)
Scanning depth (mm):	from 25.9 to 246 (depending on transducers)

#### Imaging Processing

Pre-processing:	dynamic range edge enhancement frame correlation smooth line correlation AGC 6-segment TGC adjustment IP (Image Process)
Post-processing:	gray map r-correction rejection left-right reverse up-down reverse

#### Functions:

Cine loop:	256-frame cine loop memory
Storage media:	flash card and USB card
Zoom:	panoramic zoom in real-time and frozen conditions
Built-in image archive:	permanent storage up to 16 frame images

#### Measurement & Calculation

B-mode:	distance, circumference, area, volume, angle, residual urine volume, histogram, profile, S% distance, time, velocity, heart rate(2 cycles)
M-mode:	abdomen, gynecology, obstetrics, small parts, IVF, peripheral vessels, cardiology, Interventional

#### Others

Peripheral port:	video output 2 USB port 2 DICOM3.0 1 (optional)
Power supply:	100~240VAC±10% 50Hz/60Hz
Dimensions:	286mm(W) X 385mm(L) X 306mm(H)
Net weight:	11Kg

#### Standard Configurations:

DP-6600 main unit
10" non-interlaced monitor
Two transducer connectors
256-frame cine loop
16-frame images storage
Two USB2.0 ports
Measurement & calculation software packages
Electronic convex array transducer: CA3.5MHz/R50 (2.0/3.5/6.0MHz)

#### Options:

Electronic linear array transducer: LA7.5MHz/L38 (5.0/7.5/10MHz)
Electronic endocavity transducer: EV6.5MHz/R10 (5.0/6.5/8.0MHz)
Electronic micro-convex array transducer: CA3.5MHz/R20 (2.0/3.5/6.0MHz)
Needle-guided brackets for all transducers
DICOM3.0
Mobile trolley



● Trolley and Printer (optional)



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