

# DP-2200

## 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:	2.5 ~ 10MHz
Transducer connector:	1 (standard), 2 (optional)
Dynamic imaging technology:	Digital Beam-forming (DBF) Dynamic Receiving Focusing (DRF) Up to 16 zone transmitting focusing Dynamic Frequency Scan (DFS) Real-time Dynamic Aperture (RDA) Dynamic Receiving Apodization (DRA)
Scanning angle:	from 67 to 120 degree (depending on transducers)
Scanning depth (mm):	from 21.6 to 248 (depending on transducers)

#### Imaging Processing

Pre-processing:	dynamic range edge enhancement frame correlation 4-segment TGC adjustment IP (Image Process) acoustic power adjustment high resolution/high frame rate select
Post-processing:	gray map left-right reverse up-down reverse

#### Functions:

Cine loop:	128-frame cine loop memory
Storage media:	internal flash and USB
Zoom:	panoramic in real-time and frozen condition
Built-in image archive:	permanent storage up to 90 images

#### Measurement & Calculation

B-mode:	distance, circumference, area, volume, angle, ratio, histogram, profile, 5%
M-mode:	distance, time, velocity, heart rate (2 cycles)
Software packages:	abdomen, gynecology, obstetrics, orthopedics, small parts

#### Others

Peripheral port:	video output 1 USB port 1 VGA output port 1 DICOM3.0 1(optional)
Power supply:	100-240VAC±10%, 50Hz/60Hz
Dimensions:	360mm (W) X 320mm (L) X 270mm (H)
Net weight:	9.5Kg

#### Standard Configurations

DP-2200 main unit  
10" non-interlaced monitor  
One transducer connector  
128-frame CINE loop  
90-frame image storage  
One USB port  
Measurement & calculation software package  
Electronic convex array transducer: 35C50EB (2.5/3.5/5.0MHz)

#### Options

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



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DISTRIBUTOR:



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**mindray**

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**mindray**  
healthcare within reach



## DP-2200

### Digital Ultrasonic Diagnostic Imaging System

Complete image solutions and economic price make Mindray's DP-2200 meet challenges in today's ultrasound market. With its full digital technology and high quality transducers, DP-2200 provides the elegant image quality as an ideal portable working station. It will meet your daily diagnostic needs without any compromise.

## Full digital technology and wide applications

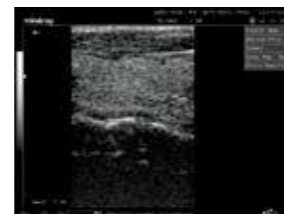
- Mindray's full digital technology yields high-quality image, which will bring you more assurance for your daily diagnoses
- A suite of complete clinical solutions comes with a wide range of transducers for obstetrics, gynecology, abdomen, urology, small parts, orthopedics and pediatrics



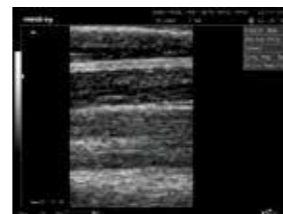
Fetal head



IVC



Thyroid



Median nerve

## Versatile file management solutions

- Powerful file management solutions make DP-2200 unique
- Images and cine files can be transferred to PC via USB port. Optional DICOM allows users to benefit from network image management that increase efficiency
- Permanent storage up to 90 images, 128-frame cine loop memory and internal flash memory for easy image reviewing



## Confidence of measurement power

- A full range of powerful user-define image preset, exam modes and measurement and calculation packages coupled with abundant measurement items (e.g. volume, stenosis, heart rate)
- Different population oriented OB measurement formulae for more accurate results (e.g. Tokyo, Hadlock, Nelson). The fetal growth indexes include eighteen items (e.g. EFW, AFI, BPD)



35C20EA Micro-convex  
Application: Pediatric, Cardiac



35C50EB Convex  
Application: Abdomen, GYN, OB, Urology



65EC10EB Endocavity  
Application: Endovaginal, Endorectal



75L38EB Linear  
Application: Small Parts



75L60EA Linear  
Application: Orthopedics, Breast, Musculoskeletal



65C15EA Micro-convex  
Application: Pediatrics