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, S%
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

DISTRIBUTOR:

P/N: ENG-DP2200-210285X4-20100521

mindray

Mindray is listed on the NYSE under the symbol"MR"
Mindray Building, Keji 12th Road South, High-tech Industrial Park,
Nanshan, Shenzhen 518057, P.R. China
Tel: +86 755 26582888 Fax: +86 755 26582680
E-mail: intl-market@mindray.com Website: www.mindray.com

DP-2200
Digital Ultrasonic Diagnostic Imaging System

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.

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 be 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

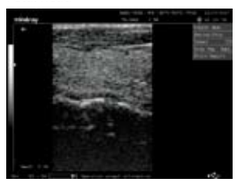
- A full range of powerful user-define image preset, exam modes and measurement and calculation packages coupled with abundant measurement items (e.g. volume, stenosis, heart rate)
- Different population oriented OB measurement formulae for more accurate results (e.g. Tokyo, Hadlock, Nelson). The fetal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

Full digital technology and wide applications

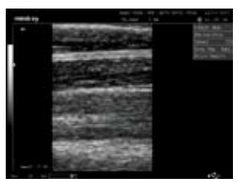
- Mindray's full digital technology yields high-quality image, which will bring you more assurance for your daily diagnoses
- A suite of complete clinical solutions comes with a wide range of transducers for obstetrics, gynecology, abdomen, urology, small parts, orthopedics and pediatrics

Fetal head

IVC



Thyroid



Median nerve

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: Orthopediscs, Breast, Musaloskeletal

65C15EA Micro-convex
Application: Pediatrics