

MINDRAY DP-10 AND DP-20 DIGITAL ULTRASOUND SYSTEM

DP-10 slim and smart

Good image quality, easy to use and lightweight to take it anywhere. It combines fashionable design, diagnostic confidence and economy.

DP-20 exceeds your expectations

Smart portable B/W ultrasound system with advanced features

Display modes and imaging processing:

Broadband, multi-frequency imaging: B, B/B, 4B, B/M, M

Imaging processing:

- multi-frequency probes for 2D imaging modes
- iClear: speckle reduction image
- THI (Tissue Harmonic Imaging) with convex probe 33976 only
- TSI (Tissue Specific Imaging)
- zoom function: spot zoom, pan zoom
- ExFOV (Extended field of view)

Supplied with 1 probe connector, 2nd on request

Extended view of the anatomical structure on all convex and linear probes allows to discover better diagnostic information.

- iTouch (Auto image optimization)
- colour map

User interface

- alphanumeric QWERTY keyboard with backlight
- trackball: speed presettable
- 8-segment TGC
- user defined blank keys: shortcut for easy access to menus

iStation™ intelligent workflow

Intelligent patient data management system

- integrated search engine for patient data
- detailed patient information review
- intelligent data backup/restore
- patient data/image sending, data deleting (USB, DVD, DICOM)
- exam managing: activate exam

Storage/review mode:

- image archive on hard disk and USB mobile storage medium, temporary saving in cine memory, directly transfer report to PC
- 2 USB ports
- multiple image formats: BMP, JPG, DCM, FRM, AVI, DCM, CIN
- iVision: demo player
- Cine review: auto, manual (auto review segment can be set), supports linked cine review for 2D, M images
- Cine memory capacity (max.)
- clip length presettable: 1-60 s

B mode: 11959 frames M mode: 110.0 s

Supplied with GB, IT manual and CD manual (GB, FR, IT, ES, PT, DE, RU, BR).

GIMA code	DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM
33989	MINDRAY DP-10 B/W system with 1-probe connector, 12.1" high resolution LED monitor, 2 USB port, 1 VGA OUT port, 1 video OUT, 1 S-Video OUT, software, without probe
33991	MINDRAY DP-20 portable B/W system with 1-probe connector, 12.1" high resolution LED monitor, 2 USB port, THI, iStation™, software package, without probe
PW DOPPLER - optional for old models	
33969	PW (Pulse Wave) doppler for 33970, 33971 (usable with probes 33976, 33977 only)

ACCESSORIES

- 33875 Needle guided brackets for Linear probe (33977)
- 33876 Needle guided brackets for Micro-Convex probe (33979, 33984)
- 33974 Lithium-ion rechargeable battery for DP-20
- 33985 Carrying bag for DP-10, DP-20, DP-30
- 33986 UMT-110 mobile trolley for DP-10, DP-20, DP-30
- 33968 SONY HYBRID GRAPHIC PRINTER UP-X898 MD

PROBES DP-10 - DP-20		FREQUENCY (MHz)		● Main application										
GIMA code	Mindray code	Scanning method	Main freq.	Probe band width	ABDOMINAL	OB / GYN	UROLOGY	SMALL PARTS	CARDIOLOGY	MSK	VASCULAR	PEDIATRIC	ORTHOPEDIC	INTRAOPERATIVE
33976	35C50EB	Convex	3.5	2.0 - 5.0	●	●	●	●	●	●	●	●	●	●
33977	75L38EB	Linear	7.5	5.0 - 10.0	●	●	●	●	●	●	●	●	●	●
33978	65C15EA	Micro-convex	6.5	5.0 - 8.5	●	●	●	●	●	●	●	●	●	●
33979	65EC10EB	Micro-convex	6.5	5.0 - 8.5	●	●	●	●	●	●	●	●	●	●
33980	35C20EA	Micro-convex	3.5	2.0 - 5.0	●	●	●	●	●	●	●	●	●	●
33983	75L53EA	Linear	7.5	5.0 - 10.0	●	●	●	●	●	●	●	●	●	●



LITHIUM-ION BATTERY ON REQUEST FOR DP-20

iScanHelper function

Dedicated inbuilt tutorial function to enhance ultrasound experience.

- wide selection of application specific exam planes
- anatomical illustrations - scanning reference pictures
- standard ultrasound images - tips on scanning and diagnosing

Standard PW doppler imaging usable with all probes

It allows to access blood flow in different clinical conditions.

- With PW, doctors will be able to:
- differentiate non echoarea and blood vessels
- distinguish arteries and veins
- evaluate blood flow velocity for more comprehensive diagnosis
- check the health of a fetus by blood flow evaluation of the umbilical cord

System configured with DICOM modules

It allows to perform storage, print, Worklist, storage commitment, retrieve applications when it is connected to the relevant DICOM servers.

Features

Parameter adjustment: Gain, Sample volume size, Scale, Steer, Dynamic range, Wall filter, etc.

Measurement: Trace, HR, Velocity, PS/ED, PI, RI, etc.

MDR certified.

TECHNICAL SPECIFICATIONS

Dimension:	16.7x29x35.4 cm (6.57"x11.4"x13.8")
Weight:	5.4 kg
Display:	12.1" LED, high-resolution 1024x768
Display language:	DP-10, DP-20: GB, FR, DE, IT, ES, PT, RU, CZ, PL
Power:	AC100-240 V, 50-60 Hz
	Rechargeable lithium-ion battery (DP-20 only) - on request

Size: 40 x 24 x h 42 cm

