

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)

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

- iTouch (Auto image optimization)

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									
33970	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									
33971	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										
33969	PW (Pulse Wave) doppler for probes 33976, 33977									
ACCESSORIES										
33875	Needle guided brackets for Linear probe (33977, 33983)									
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 X898 MD									

GIMA code	Mindray code	Scanning method	Main freq.	Probe band width	FREQUENCY (MHz)														
					ABDOMINAL	OB / GYN	UROLOGY	SMALL PARTS	CARDIOLOGY	MSK	VASCULAR	PEDIATRIC	ORTHOPEDECS	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	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



mindray

iScanHelper function

Dedicated inbuilt tutorial function to enhance ultrasound experience.

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

Optional PW doppler for probes 33976 (Convex), 33977 (Linear)

DP-10/20 support superb PW Doppler imaging 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

Features

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

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

33985



TECHNICAL SPECIFICATIONS	
Dimension:	16x29xh 35.4 cm (6.3"x11.4"xh 13.9")
Weight:	5.1 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

