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).

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, HRT, Velocity, PS/ED, PI, RI, etc.

ACCESSORIES

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM</th>
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<tbody>
<tr>
<td>33970</td>
<td>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</td>
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<tr>
<td>33971</td>
<td>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</td>
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PW DOPPLER

<table>
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<tr>
<th>GIMA code</th>
<th>PW (Pulse Wave) doppler for probes 33976, 33977</th>
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<tr>
<td>33969</td>
<td>PW (Pulse Wave) doppler for probes 33976, 33977</td>
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PROBES DP-10 - DP-20 FREQUENCY (MHz) • Main application

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>Mindray code</th>
<th>Scanning method</th>
<th>Main freq.</th>
<th>Probe band width</th>
<th>ABDOMINAL</th>
<th>OB / GYN</th>
<th>UROLOGY</th>
<th>SMALL PARTS</th>
<th>CARDIOLOGY</th>
<th>MSK</th>
<th>VASCULAR</th>
<th>PEDIATRIC</th>
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<td>33977</td>
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TECHNICAL SPECIFICATIONS

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<tr>
<th></th>
<th>Dimension: 1622xh 35.4 cm (6.3”x11.4”xh 13.9”)</th>
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<tr>
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<td>Weight: 5.1 kg</td>
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<td>Display:</td>
<td>12.1” LED, high-resolution 1024x768</td>
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<td>Display language:</td>
<td>DP-10, DP-20: GB, FR, DE, IT, ES, PT, RU, CZ, PL</td>
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<td>Power:</td>
<td>AC100-240 V, 50-60 Hz</td>
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<td>Lithium-ion rechargeable battery (DP-20 only) -</td>
<td>on request</td>
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