**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 - DP-10 only
    - iClear: speckle reduction image - DP-20 only
    - THI (Tissue Harmonic Imaging) with convex probe 33976 only
    - TSI (Tissue Specific Imaging) - DP-20 only
    - zoom function: spot zoom, pan zoom
- **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 view
  - 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, AVI (DP-20 only), DCM, CIN
  - iVision: demo player
  - Cine review: auto, manual (auto review segment can be set), supports linked cine review for 2D, M images (DP-20 only)
  - Cine memory capacity (max.)
  - clip length presettable: 1-60 s
  - B mode: 11959 frames
  - M mode: 110.0 s
  - Supplied with GB, IT manual FR on request.

**TECHNICAL SPECIFICATIONS**

- **Dimension and weight:** 16x29xh 35.4 cm (6.3”x11.4”xh 13.9”); 5.1 kg
- **Display:** 12.1” LED, high-resolution 1024x768
- **Display language:** GB, FR, DE, IT, ES, PT, RU, CZ, PL
- **Power:** AC100-240 V, 50-60 Hz
- **Rechargeable lithium-ion battery (DP-20 only)**

**MINDRAY DP-50 DIGITAL ULTRASOUND DIAGNOSTIC SYSTEM**

- **33973 MINDRAY DP-50 PORTABLE ULTRASOUND with 15” high resolution LCD monitor, 2 probe connectors, 320GB hard disk, 4 USB ports, multiple software package, without probes.**
- **Imaging mode:** B, B/B, 4B, B/M, M
- **Image processing technology:**
  - Phase Shift Harmonic Imaging - Tissue Harmonic Imaging
  - iBeam™ Spatial Compound Imaging
  - iClear™ Adaptive Speckle Suppression Imaging
  - iTouch™ Auto Optimization - Trazepoid imaging
  - iZoom™ Automatically expand the image to full screen
  - Slant scanning for linear probes (2D Steer)
  - Wideband multifrequency probes: continuously adjustable 2-14 MHz
- **Intelligent Workflow/Storage/Review:**
  - iStation™ Intelligent patient data management system
  - 320 GB integrated hard disk for storage – 4 USB ports
  - Cine memory capacity (Max.) B mode: 10566 frames
  - M mode: 66.3 s
- **33975 LITHIUM-ION RECHARGEABLE BATTERY for DP-50**
- **33987 CARRYING BAG for DP-50**
- **33988 SONY PRINTER UP-897 MD**

**ACCESSORIES**

- Needle guided brackets for Linear probe (33977, 33983)
- Needle guided brackets for Micro-Convex probe (33979, 33984)
- Lithium-ion rechargeable battery for DP-20
- Carrying bag for DP-10, DP-20, DP-30
- Needle guided brackets for Micro-Convex probe (33979, 33984)
- Needle guided brackets for Linear probe (33977, 33983)
- THI, iStation™, software package, without probe connector, 12.1” high resolution LED monitor, 2 USB port, 1 video OUT, 1 S-Video OUT, software, without probe

**TECHNICAL SPECIFICATIONS**

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- **Rechargeable lithium-ion battery (DP-20 only)**

**PROBES DP-10 - DP-20**

<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>Main application</th>
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