



DP-1100Plus

Digital Ultrasonic Diagnostic Imaging System

Inside...

- Full digital imaging technology
- Abdomen, obstetrics, gynecology and orthopedics measurement packages with extensive clinical reports
- Powerful user-define image parameter groups and exam modes
- Abundant measurement items including volume, stenosis, heart rate, etc.
- Different OB formula for different population, such as Tokyo, Hadlock, Nelson...

Outside...

- Choices of multi-frequency transducers
- 4-segment TGC
- 128-frame cine loop memory
- 90-image permanent storage
- IP: one button adjustment for quick image optimization
- Optional two transducer connectors
- Optional hand carried bag
- Available with the compact mobile trolley

mindray
healthcare within reach

DP-1100Plus

Digital Ultrasonic Diagnostic Imaging System

Technical Specifications:

General Descriptions

| | |
|-----------------------------|--|
| Imaging mode: | B, B+B, B+M, M |
| Gray scale: | 256 |
| Display: | 10" non-interlaced monitor |
| 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 65 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 gray map |
| Post-processing: | γ -correction rejection left-right reverse up-down reverse |

Functions:

| | |
|-------------------------|---|
| Cine loop: | 128-frame cine loop memory |
| 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 |

Others

| | |
|------------------|-----------------------------------|
| Peripheral port: | video output 1 |
| Power supply: | 100-240VAC \pm 10%, 50Hz/60Hz |
| Dimensions: | 360mm (W) X 320mm (L) X 270mm (H) |
| Net weight: | 9.5Kg |

Standard Configurations

DP-1100Plus main unit
10" non-interlaced monitor
One transducer connector
128-frame CINE loop
90-frame image storage
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 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
Mobile trolley
Hand carried bag



thyroid



liver & kidney



IVC



twins

Multi-frequency transducers



35C50EB Convex
Application: Abdomen, GYN, OB, Urology



75L38EB Linear
Application: Small Parts



35C20EA Micro-convex
Application: Pediatric, Cardiac



65C15EA Micro-convex
Application: Pediatrics



65EC10EB Endocavity
Application: Endovaginal, Endorectal

DISTRIBUTOR:



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