

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



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: $2.5 \sim 10 \text{MHz}$

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

Post-processing: gray map

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±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)

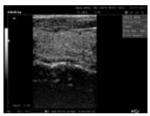
Electronic micro-convex array transducer: 35C20EA (2.5/3.5/6.0MHz)

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





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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