

## DP-9900Plus Digital Ultrasonic Diagnostic Imaging System



An upgraded model of DP-9900, Mindray's DP-9900Plus multi-purpose digital ultrasonic diagnostic imaging system takes pride in its following new features: Dual USB ports and optional DICOM3.0 port, CD-R/W, THI (Tissue Harmonic Imaging) and multi-language software. Except for the new add-ons, DP-9900Plus has inherited all features and functionalities of DP-9900, like advanced digital imaging technologies, 14-inch non-interlaced high definition monitor, broadband and triple-frequency transducer group, 256-frame cine loop, built-in imaging archive and IP (Image Processing) function. With expanded and improved configurations, DP-9900Plus expects to become the best aid to clinicians in abdomen, urology, gynaecology, obstetrics, small parts, cardiology, endocavity and intervention diagnosing.

### Features:

- \* Wide clinical applications ----- can be used in abdomen, urology, gynecology, obstetrics, small parts, cardiology, endocavity and intervention
- \* Advanced digital imaging technologies ----- excellent image quality with high resolution and high penetration
- \* IP (Image Process) function ----- help you with adjustment of image parameters fast and easily





- \* Built-in imaging archive
- \* Two USB ports and CD-R/W
- \* Measurement & calculation software packages
- \* Electronic convex array transducer: 35C50HA (2.5/3.5/5.0MHz)

**Options:**

- \* Electronic liner array transducer: 75L38HA/HB (6.0/7.5/8.5/10MHz)
- \* Electronic liner array transducer: 75L60HA (6.0/7.5/8.5/10MHz)
- \* Electronic endocavity transducer: 65EC10HA/HB (5.0/6.5/7.5MHz)
- \* Electronic micro-convex array transducer: 35C20HA (2.5/3.5/5.0MHz)
- \* Footswitch
- \* Needle-guided bracket
- \* DICOM 3.0

## **Technical Specifications:**

### **General Descriptions**

Imaging mode:	B, B/B, B/M, M
Gray scale:	256
Display:	14" non-interlaced
Transducer frequency:	2.5 ~ 10MHz
Scanning angle:	from 40 to 150 degree (depending on transducers)
Scanning depth (mm):	from 25.9 to 246 (depending on transducers)
Beam-forming:	HiFi Digital Beam-forming (HDBF) Pixel-based Dynamic Receiving Focus (PDRF) up to 16 zone transmitting focusing

### **Signal Processing**

Pre-processing:	dynamic range edge enhancement frame correlation smooth line correlation scanning angle selection high resolution/high frame rate selection Tissue Harmonic Imaging (THI) TSI (Tissue Speciality Imaging)
Post-processing:	gray map $\gamma$ -correction rejection left-right reverse up-down reverse

## Functions

Cine loop:	256-frame cine loop memory in B, B/B, M and B/M mode
Zoom:	panoramic zoom in real-time and frozen condition
Built-in imaging archive:	storage over 100,000 still 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, urology, gynecology, obstetrics, cardiology, small parts, HIP, peripheral vessels

## Transducer Types

Electronic convex array transducer:

35C50HA (2.5/3.5/5.0MHz)

Electronic linear array transducer:

75L38HA/HB (6.0/7.5/8.5/10MHz)

Electronic linear array transducer:

75L60HA (6.0/7.5/8.5/10MHz)

Electronic endocavity transducer:

65EC10HA/HB (5.0/6.5/7.5MHz)

Electronic micro-convex array transducer:

35C20HA (2.5/3.5/5.0MHz)

## Others

Power supply:	100~240VAC $\pm$ 10% 50Hz/60Hz
Dimensions:	630mm(W) X 915mm(L) X 1240mm(H)
Net weight:	60Kg

NOTE: specifications subject to change without prior notice.