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
Tissue Harmonic Imaging (THI)

TSI (Tissue Speciality Imaging)

Max frequency up to 10MHz

14” non-interlaced monitor ----- realizing high definition images

Transducer technology ----- high sensitivity, wide band and multi-frequency transducer series

Multi-language interface

**Powerful Functions:**

- 256-frame cine loop memory in B, B/B, M and B/M mode
- Built-in imaging archive for more than 100,000 still images can be stored
- Hard disk storage in BMP, JPG and FRM formats
- Two USB ports and CD-R/W
- Panoramic zoom in real-time and frozen condition
- Patient information management system
- iVision – Automatic demonstration function

**Advanced Digital Imaging Technology:**

- Digital Beam-forming DBF
- Dynamic Frequency Scan DFS
- Real-time Dynamic Aperture RDA
- Dynamic Receiving Apodization DRA
- Dynamic Receiving Focus DRF

**Standard Configurations:**

- DP-9900Plus main unit
- 14” non-interlaced monitor
- Tissue Harmonic Imaging
- 256-frame cine loop in B, B/B, M and B/M mode
● 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 ±10% 50Hz/60Hz

Dimensions: 630mm(W) X 915mm(L) X 1240mm(H)

Net weight: 60Kg

NOTE: specifications subject to change without prior notice.