

DP-6600Vet

Digital Ultrasonic Diagnostic Imaging System

Technical specifications

General Descriptions

| | |
|-----------------------|---|
| Imaging mode: | B, B+B, B+M, M |
| Gray scale: | 256 |
| Display: | 10" non-interlaced |
| Transducer frequency: | 2.0 ~ 10MHz |
| Transducer connector: | 2 (standard) |
| Beam-forming: | 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) Tissue Speciality Imaging (TSI) |
| Scanning angle: | from 40 to 92 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 smooth line correlation AGC 6-segment TGC adjustment IP (Image Process) acoustic power adjustment scanning angle selection high resolution/high frame rate select |
| Post-processing: | gray map γ-correction rejection left-right reverse up-down reverse |

Functions

| | |
|-------------------------|--|
| Cine loop: | 256-frame cine loop memory |
| Storage media: | internal flash and USB |
| Zoom: | panoramic zoom 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, histogram, profile, S% |
| M-mode: | distance, time, velocity, heart rate (2 cycles) |
| Reproductive software package: | Dog, Cat, Equine, Bovine and Ovine |

Others

| | |
|------------------|---|
| Peripheral port: | video output 2 USB port 2 DICOM3.0 1 (optional) |
| Power supply: | 100~240VAC±10% 50Hz/60Hz |
| Dimensions: | 265mm(W) X 410mm(L) X 330mm(H) |
| Net weight: | 10Kg |

Standard configurations

| |
|---|
| DP-6600Vet main unit |
| 10" non-interlaced monitor |
| Two transducer connectors |
| 256-frame cine loop |
| 90 images storage |
| Two USB2.0 ports |
| Measurement & calculation software packages |
| Electronic convex array transducer: 35C50EA (2.0/3.5/6.0MHz) |

Options

| |
|---|
| Electronic linear array transducer: 75L38EA (5.0/7.5/10.0MHz) |
| Electronic linear array transducer: 75L60EA (5.0/7.5/10.0MHz) |
| Electronic endorecavity transducer: 65EC10EA (5.0/6.5/8.0MHz) |
| Electronic micro-convex array transducer: 65C15EA (5.0/6.5/8.0MHz) |
| Electronic micro-convex array transducer: 35C20EA (2.0/3.5/6.0MHz) |
| DICOM3.0 |
| Footswitch |
| Mobile trolley |
| Hand carried bag |



Trolley and Printer (optional)

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DP-6600Vet

Digital Ultrasonic Diagnostic Imaging System

DP-6600Vet, Mindray's portable veterinary ultrasonic imaging system, offers high quality digital diagnostic imaging to wherever you want. Excellent imaging performance and reliable diagnosis make clinical examination much more effective.

A Innovative Technology

DP-6600Vet, powered by the XD Engine, optimizes imaging precision via all digital technologies and ensures the reality and perfection of images.



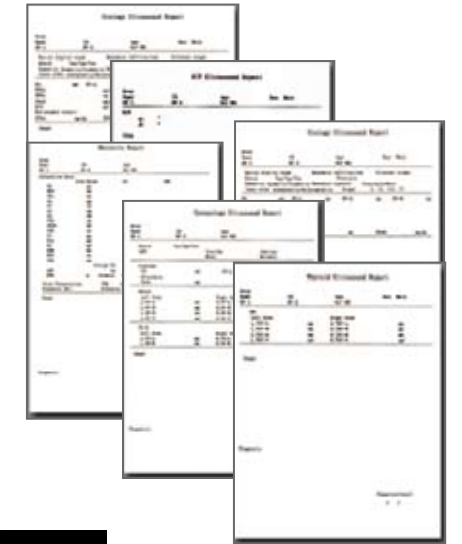
B Incomparable Image Quality

Tissue Speciality Imaging allows the user to flexibly adjust the imaging parameters according to the type of tissue scanned, presenting higher definition images.



C Extensive Applications

With a variety of multi-frequency transducers, and abundant measurement and calculation software packages specifically designed for dog, cat, equine, bovine and ovine, DP-6600Vet insures optimal images and solid diagnosis confidence for each clinical application.



D Extraordinary Features

The DP-6600Vet includes these standard features which are usually unique to higher end systems:

- Multi-frequency transducers
- 10MHz microanatomy imaging
- 256-frame cine loop
- 90 image storage
- Dual USB and optional DICOM3.0



E Friendly and Easy-to-use

With its elegant outline, foldup control panel, and optional mobile trolley, the DP-6600Vet creates a comfortable working environment.

10" non-interlaced display, back-lit keyboard and dual transducer ports minimize your working fatigue.

