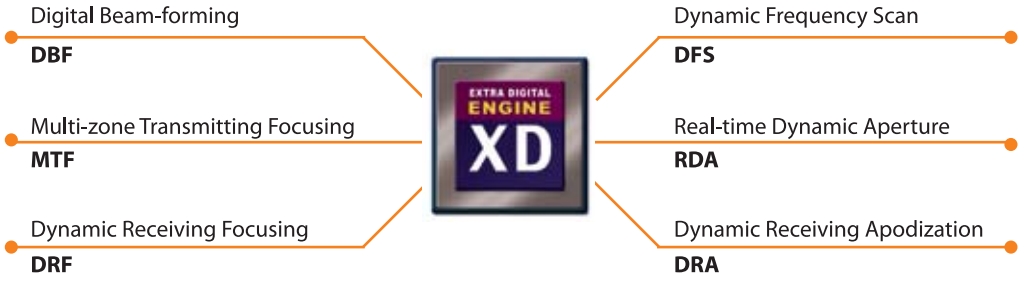
DP-6600Vet

Digital Ultrasonic Diagnostic Imaging System

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

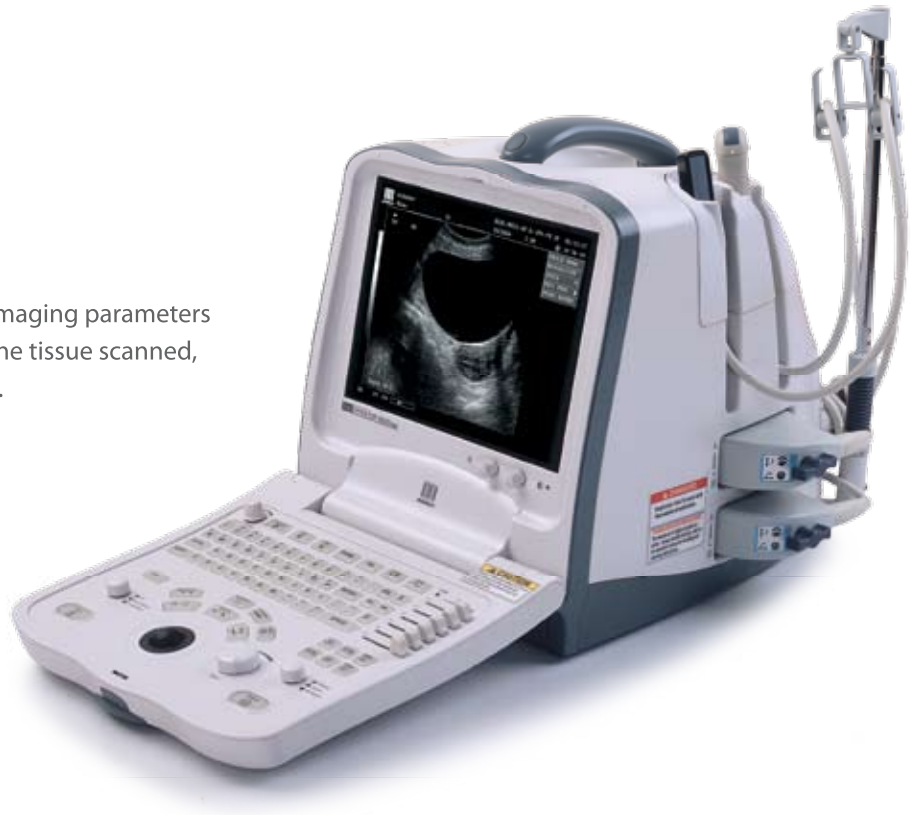
A Innovative Technology

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



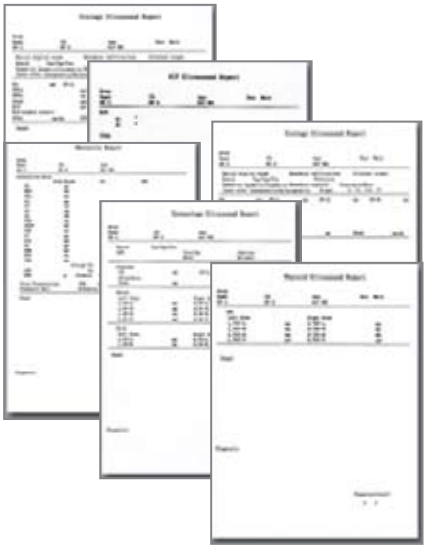
B Incomparable Image Quality

Tissue Speciality Imaging adjusts the imaging parameters flexibly according to the speciality of the tissue scanned, presenting you high definition images.



C Extensive Applications

With a variety of multi-frequency transducers, 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.




65C15EAV/R15 (5.0/6.5/8.0MHz)


75L50EAV/L50 (5.0/7.5/10MHz)


50L65EAV/L65 (4.0/5.0/6.0MHz)


CA3.5MHz/R50 (2.0/3.5/6.0MHz)


LA7.5MHz/L38 (5.0/7.5/10MHz)


CA3.5MHz/R20 (2.0/3.5/6.0MHz)

D Extraordinary Features

DP-6600Vet bears remarkable features, which are unique only to high-end system:

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

E Friendly and Easy-to-use

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

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

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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 128 degree (depending on transducers)
Scanning depth (mm):	from 25.9 to 246 (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:	flash card and USB card
Zoom:	panoramic zoom in real-time and frozen condition
Built-in image archive:	permanent storage up to 16 frame images

Measurement & Calculation

B-mode:	distance, circumference, area, volume, angle, residual urine volume, 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:	286mm(W) X 385mm(L) X 306mm(H)
Net weight:	11Kg

Standard configurations

DP-6600Vet main unit
10″non-interlaced monitor
Two transducer connectors
256-frame cine loop
16-frame images storage
Two USB ports
Measurement & calculation software packages
Electronic convex array transducer:
CA3.5MHz/R50 (2.0/3.5/6.0MHz)
Or Electronic micro-convex array transducer:
65C15EAV/R15 (5.0/6.5/8.0MHz)

Options

Electronic endorectal transducer:
75L50EAV/L50 (5.0/7.5/10MHz)
Electronic endorectal transducer:
50L65EAV/L65 (4.0/5.0/6.0MHz)
Electronic linear array transducer:
LA7.5MHz/L38 (5.0/7.5/10MHz)
Electronic micro-convex array transducer:
CA3.5MHz/R20 (2.0/3.5/6.0MHz)
Needle-guided brackets
DICOM3.0
Mobile trolley

Trolley and Printer (optional)

MINDRAY™

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