

DP-6600Vet Digital Ultrasonic Diagnostic Imaging System

----- Just a portable you want



DP-6600Vet, specifically designed for veterinary diagnosis, adopts advanced digital beam-forming (DBF) and tissue specialty imaging (TSI) technologies, which has realized improvement on image qualities. Meanwhile, broadband and multi-frequency veterinary transducers enable clinical applications in a wider range. Based on adequate requirements of doctors, 256-frame CINE loop and 16-frame images storage are set as standard configurations. On the other hand, USB ports and DICOM 3.0 enhance the storage ability and facilitate image transportation. The outstanding performance of DP-6600Vet will definitely enhance accuracy of veterinary diagnosis, benefiting both doctors and animals.

Features:

- * Digital beam-former
- * Two transducer connectors
- * Abundant reproductive software package ----- Dog, Cat, Equine, Bovine and Ovine
- * Multi-frequency transducer series
- * Max frequency up to 10MHz
- * TSI (Tissue Specialty Imaging)
- * 10" non-interlaced monitor

Functions:

- * 256-frame cine loop memory
- * 16-frame images storage
- * Two USB ports
- * IP (Image Process) function
- * DICOM3.0 (optional)

Standard configurations:

- * DP-6600Vet main unit
- * 10" non-interlaced monitor
- * Two transducer connectors
- * 256-frame cine loop
- * 16-frame images storage
- * Two USB ports
- * Over 200 reproductive reports storage and management
- * Measurement & calculation software packages
- * Electronic convex array transducer: 35C50EA (2.0/3.5/6.0MHz)
Or Electronic micro-convex array transducer: 65C15EAV (5.0/6.5/8.0MHz)

Options:

- * Electronic endorectal transducer: 50L60EAV (4.0/5.0/6.0MHz)
- * Electronic endorectal transducer: 75L50EAV (5.0/7.5/10MHz)
- * Electronic linear array transducer: 75L38EA (5.0/7.5/10MHz)
- * Electronic linear array transducer: 75L60EA (5.0/7.5/10MHz)
- * Electronic micro-convex array transducer: 35C20EA (2.0/3.5/6.0MHz)
- * Needle-guided brackets
- * DICOM3.0
- * Mobile trolley

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

Transducer Types

Electronic convex array transducer:
35C50EA (2.0/3.5/6.0MHz)
Electronic micro-convex array transducer:
65C15EAV (5.0/6.5/8.0MHz)
Electronic endorectal transducer:
50L60EAV (4.0/5.0/6.0MHz)
Electronic endorectal transducer:
75L50EAV (5.0/7.5/10MHz)
Electronic linear array transducer:
75L38EA (5.0/7.5/10MHz)
Electronic linear array transducer:
75L60EA (5.0/7.5/10MHz)
Electronic micro-convex array transducer:
35C20EA (2.0/3.5/6.0MHz)

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	

NOTE: specifications subject to change without prior notice.

