

Digital Ultrasonic Diagnostic Imaging System

DP-2200Vet



High Value Image

- Full digital imaging technology
- Reliable image quality for daily diagnosis

Wide Applications

- A wide range of application modules on pets, livestock, sporting animals, exotic animals etc
- Specific software packages for dog, cat, equine, bovine and ovine including veterinary glossary and body marks

Ergonomic Design

- Friendly interface and fast operation process
- Thinfilm control panel to resist dust and water

Specific Design for Veterinary

- Professional reproductive software packages are designed to meet the needs for the modern veterinary application
- Linear endorectal and micro-convex array transducers designed just for veterinary

DP-2200Vet

Digital Ultrasonic Diagnostic Imaging System

Technical Specifications:

General Descriptions

Imaging mode:	B, B+B, B+M, M
Gray scale:	256
Display:	10" non-interlaced monitor
Transducer frequency:	2.5 ~ 10MHz
Transducer connector:	1 (standard), 2 (optional)
Dynamic imaging technology:	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)
Scanning angle:	from 67 to 120 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 4-segment TGC adjustment IP (Image Process) acoustic power adjustment high resolution/high frame rate select
Post-processing:	gray map γ-correction rejection left-right reverse up-down reverse

Functions

Cine loop:	128-frame cine loop memory
Storage media:	internal flash and USB
Zoom:	panoramic 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, ratio, histogram, profile, 5%
M-mode:	distance, time, velocity, heart rate (2 cycles)
Reproductive software packages:	Dog, Cat, Equine, Bovine and Ovine

Others

Peripheral port:	video output 1 USB port 1 DICOM3.0 1(optional)
Power supply:	100-240VAC±10%, 50Hz/60Hz
Dimensions:	360mm (W) X 320mm (L) X 270mm (H)
Net weight:	9.5Kg



Stomach Wall



Liver



Equine Fetus

Standard Configurations

DP-2200Vet main unit
10" non-interlaced monitor
One transducer connector
128-frame CINE loop
90-frame image storage
One USB port
Measurement & calculation software package
Electronic convex array transducer: 35C50EB (2.5/3.5/5.0MHz)
Or Electronic micro-convex array transducer: 65C15EAV (5.0/6.5/8.0MHz)

Options

Electronic linear array transducer: 75L38EB (5.0/7.5/10MHz)
Electronic linear array transducer: 75L60EA (5.0/7.5/10MHz)
Electronic endocavity transducer: 65EC10EB (5.0/6.5/8.0MHz)
Electronic micro-convex array transducer: 35C20EA (2.5/3.5/6.0MHz)
Electronic linear endorectal transducer: 50L60EAV (4.0/5.0/6.0MHz) 3m cable
Electronic linear endorectal transducer: 75L50EAV (5.0/7.5/10MHz) 3m cable
Two transducer connectors
Needle-guided brackets
DICOM3.0
Water-resistant footswitch
Mobile trolley
Hand carried bag

Multi-frequency transducers



65C15EAV Micro-Convex
Application: Pets



50L60EAV Endorectal
Application: Livestock



75L50EAV Endorectal
Application: Livestock



35C50EB Convex
Application: Pets, Livestock



75L38EB Linear
Application: Exotic animals, Pets, Sporting Animals



75L60EA Linear
Application: Exotic animals, Pets, Sporting Animals



35C20EA Micro-convex
Application: Livestock, Exotic animals



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