

# DP-3300Vet

## 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:	2.5 ~ 10MHz
Transducer connector:	1 (standard), 2 (optional)
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)
Scanning angle:	from 67 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 4-segment TGC adjustment IP (Image Process) acoustic power adjustment scanning angle selection high resolution/high frame rate select gray map left-right reverse up-down reverse
Post-processing:	

#### Functions

Cine loop:	128-frame cine loop memory
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 packages:	Dog, Cat, Equine, Bovine and Ovine

#### Others

Peripheral port:	video output 1 USB port 2
Power supply:	100~240VAC±10% 50Hz/60Hz
Dimensions:	270mm(W) X 306mm(L) X 385mm(H)
Net weight:	10Kg



#### Standard configurations:

DP-3300Vet main unit  
10" non-interlaced monitor  
One transducer connector  
128-frame cine loop  
90-frame images storage  
Two USB ports  
Over 200 reproductive reports storage and management  
Measurement & calculation software packages  
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 endorectal transducer: 50L60EAV (4.0/5.0/6.0MHz)  
Electronic endorectal transducer: 75L50EAV (5.0/7.5/10.0MHz)  
Electronic linear array transducer: 75L38EB (5.0/7.5/10.0MHz)  
Electronic linear array transducer: 75L60EA (5.0/7.5/10.0MHz)  
Electronic micro-convex array transducer: 35C20EA (2.0/3.5/6.0MHz)  
Needle-guided brackets  
Two transducer connectors  
Footswitch  
Mobile trolley  
Hand carried bag

#### Multi-frequency transducers



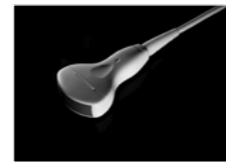
65C15EAV Micro-Convex  
Application: Small Animal



50L60EAV Endorectal  
Application: Big Animal



75L50EAV Endorectal  
Application: Big Animal



35C50EB Convex  
Application: Abdomen, OB, Urology



75L38EB Linear  
Application: Small Parts, Musculoskeletal



75L60EA Linear  
Application: Orthopedics,  
Breast, Musculoskeletal



35C20EA Micro-convex  
Application: Pediatric, Cardiac



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## Digital Ultrasonic Diagnostic Imaging System

# DP-3300Vet





# Reliable Digital Technology

## DP-3300Vet

With advanced digital beam-forming (DBF) technology, DP-3300Vet has realized significant improvement on image quality. Meanwhile, broadband and multi-frequency transducers enable a wider range of clinical applications. Also, 128-frame CINE loop, 90 images storage and the second optional transducer connector provide operators with more options and flexibility. With such powerful features and ergonomic design, DP-3300Vet is the ideal model for users who seek for an economical product.

### A dvanced Imaging Technology

- Up-to-date digital engine  
(Non-tortured echo ensures high definition images)
- Dynamic synthetic aperture technique  
(Accurate beam focusing ensures clear images from near to far field)



65C15EAV (5.0/6.5/8.0MHz)



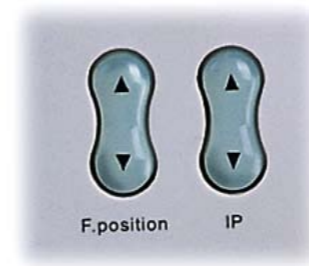
50L60EAV (4.0/5.0/6.0MHz)



75L50EAV (5.0/7.5/10MHz)

### L eading Transducer Technology

- Up to 8.0 MHz electronic micro-convex array transducer  
reproductive and general purpose abdominal applications for small animals
- Up to 10MHz electronic endorectal transducer  
reproductive applications for big animals

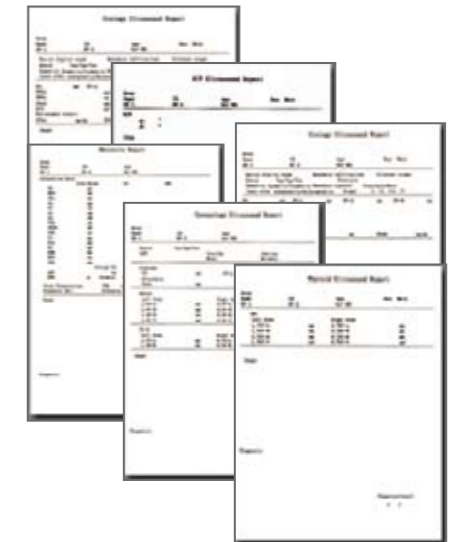


### E xcellent Ergonomic Design

- IP (Image Process) function
- Simplified boat-shaped key control
- Intelligent 4-segment TGC adjustment
- Panoramic zoom in real-time and frozen condition

### C omplete OB Solutions

- Abundant Reproductive Calculation Packages
- Dog: GSD, CRL, HD, BD
- Cat: HD, BD
- Equine: GSD
- Bovine: HD, CRL, TD
- Ovine: CRL, BPD



### P owerful Functions

- 128-frame cine loop
- 115-frame image storage
- Two USB ports
- Two transducer connectors (Optional)
- Knockdown mobile trolley (Optional)



USB

