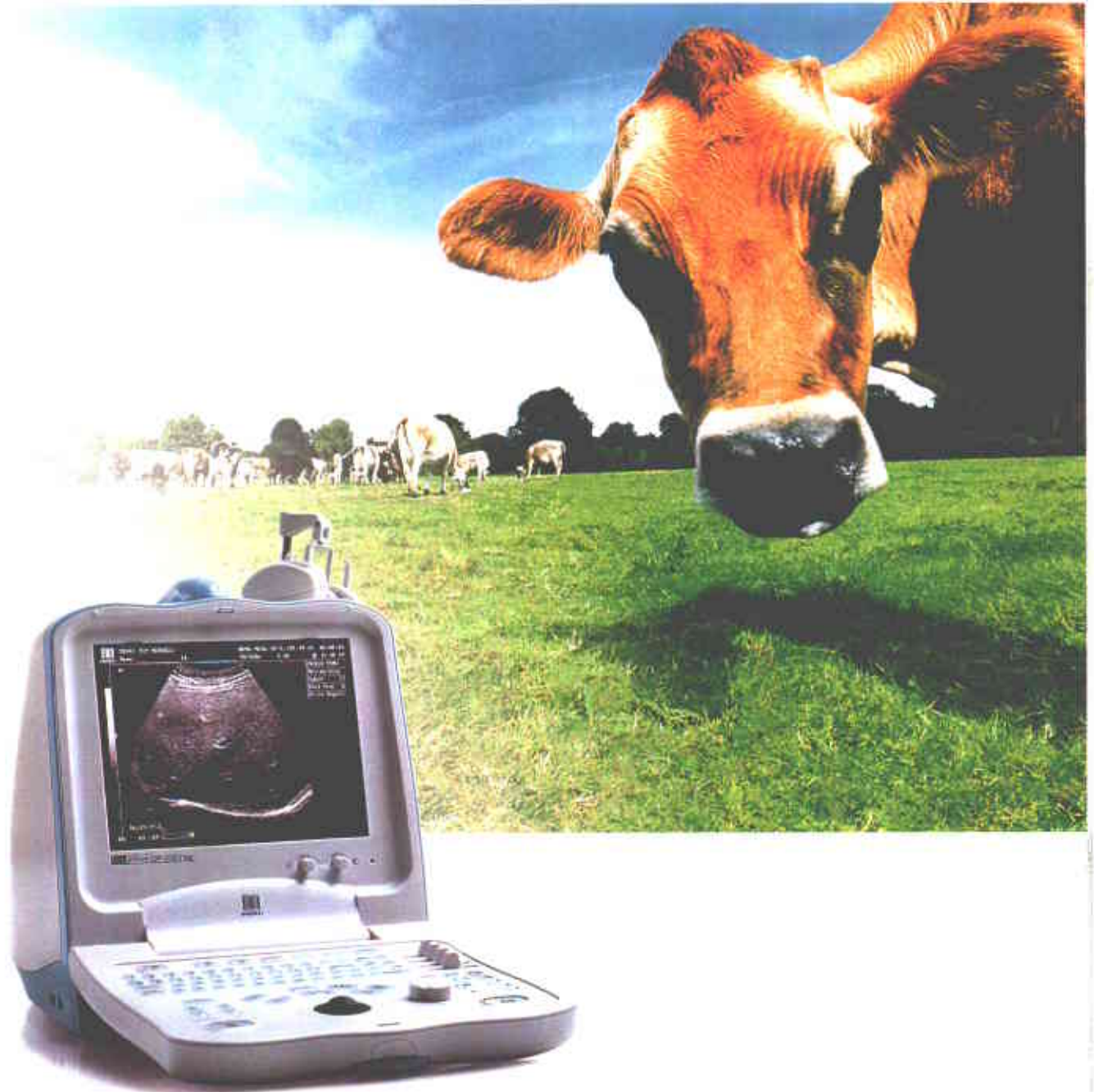


# Life beyond vision

Digital Ultrasonic Diagnostic Imaging System

## 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, 16-frame 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 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)



Kidney Stone

### **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 endocavity transducer

reproductive applications for big animals



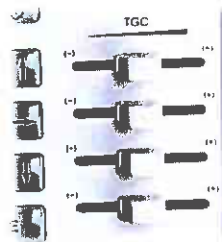
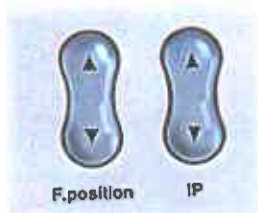
65C15EAV/R15 (5.0/6.5/8.0MHz)



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

# Reliable Digital Technology

## DP-3300Vet



### **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

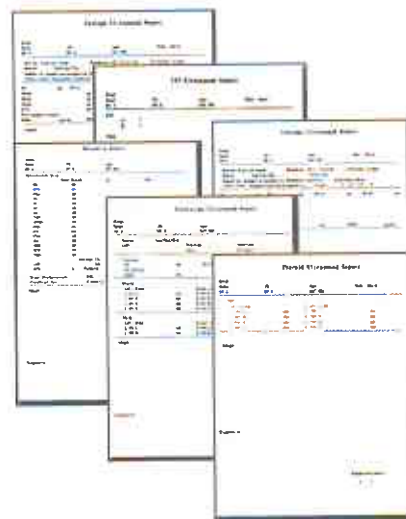
Dog: GSD, CRL, HD, BD

Cat: HD, BD

Equine: GSD

Bovine: HD, CRL, Trunk Diameter

Ovine: CRL



### **P** owerful Functions

128-frame cine loop

16-frame image storage

Two USB ports

Two transducer connectors (Optional)

Knockdown mobile trolley (Optional)



USB





### Multi-frequency transducers



65C15EAV/R15 (5.0/6.5/8.0MHz)  
reproductive and general purpose  
abdominal applications for small animals



75L50EAV/L50 (5.0/7.5/10MHz)  
reproductive applications for big animals



CA3.5MHz/R50 (2.0/3.5/6.0MHz)  
Application: Abdomen, OB, Urology



LA7.5MHz/L38 (5.0/7.5/10MHz)  
Application: Small Parts

### Standard configurations:

- DP-3300Vet main unit
- 10" non-interlaced monitor
- One transducer connector
- 128-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: 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 endocavity transducer: 75L50EAV/L50 (5.0/7.5/10MHz)
- 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
- Two transducer connectors
- 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:	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 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 4-segment TGC adjustment IP (Image Process) acoustic power adjustment scanning angle selection high resolution/high frame rate select
Post-processing:	gray map left-right reverse up-down reverse

### 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 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 packages:	Dog, Cat, Equine, Bovine and Ovine

### Transducer Types

Electronic convex array transducer:	CA3.5MHz/R50 (2.0/3.5/6.0MHz)
Electronic endocavity transducer:	75L50EAV/L50 (5.0/7.5/10MHz)
Electronic micro-convex array transducer:	65C15EAV/R15 (5.0/6.5/8.0MHz)
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)

### Others

Peripheral port:	video output	1
	USB port	2
Power supply:	100~240VAC±10% 50Hz/60Hz	
Dimensions:	286mm(W) X 385mm(L) X 306mm(H)	
Net weight:	11Kg	