

## DP-3300Vet Digital Ultrasonic Diagnostic Imaging System

----- Reliable Digital Technology



DP-3300Vet, specifically designed for veterinary diagnosis, adopts advanced digital beam-forming (DBF) technology, which has led to improved image quality. Meanwhile, broadband and multi-frequency veterinary transducers enable clinical applications in a wider range. Based on adequate requirements of doctors, 128-frame CINE loop and 16-frame images storage are set as standard configurations. On the other hand, the second optional transducer connector provides doctors with more flexibility in clinical applications. With such powerful features and ergonomic design, the economical model of DP-3300vet always offers reliable performance on animals.

### Features:

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



**Functions:**

- \* 128-frame cine loop memory
- \* 16-frame images storage
- \* Two USB ports
- \* IP (Image Process) function

**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: 35C50EB (2.5/3.5/5.0MHz)  
Or Electronic micro-convex array transducer: 65C15EAV (5.0/6.5/8.0MHz)

**Options:**

- \* 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
- \* Electronic linear array transducer: 75L38EB (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
- \* 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:

35C50EB (2.5/3.5/5.0MHz)

Electronic micro-convex array transducer:

65C15EAV (5.0/6.5/8.0MHz)

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

Electronic linear array transducer:

75L38EB (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    1 USB port        2
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.

