

DP-3300Vet Digital Ultrasonic Diagnostic Imaging System

----- Reliable Digital Technology



DP-3300Vet adopts advanced digital beam-forming (DBF) technology, which has realized the improvement on the quality of image. Meanwhile, broadband and multi-frequency 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 application. With such powerful features and ergonomic design, the performance of this economical DP-3300Vet is always reliable for all the users.

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: 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)

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Electronic linear array transducer:

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Others

Peripheral port: video output 1
USB port 2

Power supply: 100~240VAC \pm 10% 50Hz/60Hz

Dimensions: 286mm(W) X 385mm(L) X 306mm(H)

Net weight: 11Kg

NOTE: specifications subject to change without prior notice.