

DP-6600Vet Digital Ultrasonic Diagnostic Imaging System

----- Just a portable you want



DP-6600Vet, specifically designed for veterinary diagnosis, adopts advanced digital beam-forming (DBF) and tissue specialty imaging (TSI) technologies, which has realized improvement on image qualities. Meanwhile, broadband and multi-frequency veterinary transducers enable clinical applications in a wider range. Based on adequate requirements of doctors, 256-frame CINE loop and 90 images built-in storage are set as standard configurations. On the other hand, USB ports and DICOM 3.0 enhance the storage ability and facilitate image transportation. The outstanding performance of DP-6600Vet will definitely enhance accuracy of veterinary diagnosis, benefiting both doctors and animals.

Features:

- * Digital beam-former
- * Two transducer connectors
- * Multi-language function with English, French, German, Italian, Russian, Portuguese, Spanish and Chinese
- * Abundant reproductive software package ----- Dog, Cat, Equine, Bovine and Ovine
- * Multi-frequency transducer series
- * Max frequency up to 10MHz
- * TSI (Tissue Specialty Imaging)
- * 10" non-interlaced monitor

Functions:

- * 256-frame cine loop memory
- * 90 images built-in storage
- * Two USB ports
- * IP (Image Process) function
- * DICOM3.0 (optional)

Standard configurations:

- * DP-6600Vet main unit
- * 10" non-interlaced monitor
- * Multi-language function
- * Two transducer connectors
- * 256-frame cine loop
- * 90 images built-in storage
- * Two USB ports
- * Over 200 reproductive reports storage and management
- * Measurement & calculation software packages
- * Electronic convex array transducer: 35C50EA (2.0/3.5/6.0MHz)
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 (5.0/7.5/10MHz)
- * Electronic linear array transducer: 75L38EA (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
- * DICOM3.0
- * Mobile trolley
- * Water-resistant footswitch with USB plug
- * Hand carried bag

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: | 2 (standard) |
| 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) Tissue Speciality Imaging (TSI) |
| Scanning angle: | from 40 to 128 degree (depending on transducers) |
| Scanning depth (mm): | from 25.9 to 246 (depending on transducers) |

Imaging Processing

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|------------------|--|
| Pre-processing: | dynamic range edge enhancement frame correlation smooth line correlation AGC 6-segment TGC adjustment IP (Image Process) acoustic power adjustment scanning angle selection high resolution/high frame rate select |
| Post-processing: | gray map γ -correction rejection left-right reverse up-down reverse |

Functions:

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|-------------------------|--|
| Cine loop: | 256-frame cine loop memory |
| Storage media: | flash card and USB card |
| Zoom: | panoramic zoom in real-time and frozen condition |
| Built-in image archive: | permanent storage up to 90 images |

Measurement & Calculation

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|--------------------------------|--|
| B-mode: | distance, circumference, area, volume, angle, residual urine volume, histogram, profile, S% |
| M-mode: | distance, time, velocity, heart rate (2 cycles) |
| Reproductive software package: | Dog, Cat, Equine, Bovine and Ovine |

Transducer Types

| | |
|---|---------------------------|
| Electronic convex array transducer: | 35C50EA (2.0/3.5/6.0MHz) |
| Electronic micro-convex array transducer: | 65C15EAV (5.0/6.5/8.0MHz) |
| Electronic endorectal transducer: | 50L60EAV (4.0/5.0/6.0MHz) |
| Electronic endorectal transducer: | 75L50EAV (5.0/7.5/10MHz) |
| Electronic linear array transducer: | 75L38EA (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 | 2 |
| | USB port | 2 |
| | DICOM3.0 | 1 (optional) |
| 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.

