

EDAN



DUS 6 VET

Veterinary Digital Ultrasonic Diagnostic Imaging System

DUS 6 VET is dedicated to provide veterinary ultrasound solutions meeting your daily clinical requirements. It produces high sensitivity and resolution 2D images. The system's specific veterinary application modules include reproductive software packages, animal-use transducer series, user-friendly operation interface and so on. All its outstanding solutions make DUS 6 VET a reliable and effective model for any veterinary sonographer.

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Veterinary Digital Ultrasonic Diagnostic Imaging System

Technical Specifications:

General:

Imaging mode: B, 2B, 4B, B+M, M

Gray scales: 256

Display: 10 inches non-interlaced

Transducer frequency: 2.0 ~ 10MHz

Transducer connector: 2 standard

Beam-forming: Digital Beam-forming

Dynamic Receiving Focusing

Real-time Dynamic Aperture

Dynamic Frequency Scanning

Dynamic Apodization

Tissue Harmonic Imaging

Tissue Specific Imaging

Scanning angle: from 30 to 155 degree (depending on transducers)

Scanning depth (mm): from 20 to 250 (depending on transducers)

Imaging Processing:

Pre-processing: Dynamic range

Edge enhancement

Frame correlation

Line correlation

Smooth

AGC

8-segment TGC adjustment

IP (Image Process)

Post-processing: Gray map

Gamma correction

Rejection

Left-right reverse

Up-down reverse

Functions:

Cine loop: 256 frames bidirectional cine loop

Zoom: X1.0, X1.2, X1.4, X 1.6, X 2.0, X 2.4, X3.0, X 4.0 in distance

Storage media: Built-in Flash, External USB-Memory stick

Storage: 56MB permanent image

Body mark: 18 types

Transducer auto-detection

16-segment acoustic power output adjustment

Measurement & Calculation:

B-mode: distance, circumference, area, volume, angle

M-mode: distance, time, velocity, heart rate (2 cycles), slope

Reproductive software packages: dog, cat, equine, bovine and ovine

Multi-frequency transducers



Others:

Peripheral port:

Video output 1

VGA output port 1

USB port 2

DICOM3.0 1 (optional)

Power supply:

100-240V ~ 50Hz/60Hz

Dimensions:

353mm(W) X 315mm(L) X 253mm(H)

Net weight:

11.5Kg

Standard Configurations:

DUS 6 VET main unit

10" non-interlaced monitor

256 frames cine loop memory

56MB frames built-in image storage

Two USB ports

Measurement & calculation software packages

Micro convex array transducer: C613 (4.5/5.5/6.5/7.5/8.5MHz)

Options:

Linear array transducer: L743 (6.0/7.0/8.0/9.0/10.0MHz)

Transrectal transducer: V743 (6.0/7.0/8.0/9.0/10.0MHz)

Transrectal transducer: V563(3.0/4.0/5.0/6.0/7.0MHz)

Convex array transducer: C343-1 (2.0/3.0/4.0/5.0/6.0MHz)

Convex array transducer: C363-1 (2.0/3.0/4.0/5.0/6.0MHz)

Video printer

Laser printer

Biopsy guide

DICOM3.0

Footswitch

Mobile trolley

Hand carried bag



Trolley

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