

# EDANUSA

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## DUS 6 VET



**Veterinary**  
**Digital Ultrasonic Diagnostic Imaging System**

Care for Health



# DUS 6 VET

## Technical Specifications

Convex array:  
C363-1



Convex array:  
C343-1



Micro-convex array:  
C613



Linear array:  
L743



Endorectal:  
V743



Endorectal:  
V563



### General:

Imaging mode: B,B+B,4B,B+M,M  
 Gray scales: 256  
 Display: 10" non-interlaced  
 Transducer frequency:  
 2.0-10.0 MHz  
 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  
 Black / white reverse  
 Left / right reverse  
 Up / down reverse

### Functions:

Cine loop: 256 frames bidirectional cine loop  
 Zoom: X1.0, X1.2, X1.4, X1.6, X2.0, X2.4, X3.0, X4.0 in distance  
 Storage media: Built-in Flash, External USB-Memory stick  
 Storage: 56 MB permanent image  
 Body mark: >130 types  
 Transducer auto-detection  
 16-segment acoustic power output adjustment

### Measurement & Calculation:

B-mode: distance, circumference, area, volume, angle  
 M-mode: distance, time, heart rate (2 cycles), slope  
 Reproductive software packages:  
 Dog, Cat, Equine, Bovine and Ovine

### Others:

Peripheral port: Video output X1  
 VGA output port X1  
 USB port X2  
 DICOM3.0 X1 (optional)  
 Power supply: 100V-240V ~ 50Hz/60Hz  
 Dimensions: 353mm(W) X 315mm(L) X 253mm(H)  
 Net weight: 11.5 kg

### Standard Configurations:

DUS 6 VET main unit  
 10" non-interlaced monitor  
 Two transducer connectors  
 256 frames cine loop memory

56MB 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 (6.0/7.0/8.0/9.0/10.0 MHz)  
 Endorectal transducer:  
 V743(6.0/7.0/8.0/9.0/10.0MHz)  
 Endovaginal transducer:  
 V563(4.0/5.0/6.0/7.0/8.0MHz)  
 Convex array transducer:  
 C363-1(2.0/3.0/4.0/5.0/6.0MHz)  
 Convex array transducer:  
 C343-1 (2.0/3.0/4.0/5.0/6.0 MHz)  
 Video printer  
 Laser printer  
 Biopsy guide  
 DICOM 3.0  
 Footswitch  
 Mobile trolley  
 Hand carried bag

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