DVMPRO

Clarity

Veterinary Ultrasound

Superior Value and Versatility

Powerful technologies to increase your diagnostic confidence

- Phase Inversion Harmonic Imaging technology provides best-in-class image quality
- PW Doppler supplies physiologic information for increased diagnostic value
- Five-frequency transducers increases versatility

Go anywhere you need to go

- Compact and lightweight design for excellent mobility
- Built-in battery provides up to 2 hours of point-of-care imaging
- Large capacity data storage

Intuitive user-friendly design

- One touch image optimization via smart IP key
- Backlit, easy-to-use control panel
- User-defined keys to customize your work-flow

Practical tools enhance efficiency

- Intelligent 8-segment TGC for precise adjustment
- Multi-format data transfer via USB and DICOM
- Multiple-pseudo-color options enhance image presentation

4204 Jutland Drive, Suite A, San Diego, CA 92117
833.438.6776

Efficient

Compact

Versatile

Transducer Specifics

C611-2 | C361-2 | C321-2 | L743-2 | V563-2

GENERAL:

Imaging mode: B, 2B, 4B, B+M, M, and PW
Gray scale levels: 256
Display: 12.1TFT-LCD
Transducer frequency: 2.0-10.0MHZ
Transducer connector: 2 standard
Beam Forming:
- Phase Inversion Harmonic Imaging
- Multi-Beam Technology
- Synthetic Receiving Aperture
- Dynamic Receiving Focusing
- Real-time Dynamic Aperture
- Dynamic Frequency Scanning
- Dynamic Apodization

Scanning angle:
- Up to 155 degrees (transducer dependent)

Scanning depth (mm):
- From 19 to 324 (transducer dependent)

FUNCTIONS:

Cine loop: 256-frame bidirectional cine-loop
Zoom: x1.0, x1.2, x1.4, x1.6, x2.0, x2.4, x3.0, x4.0 in distance
Panoramic zoom in real-time and freeze
Storage media:
- Built-in Flash, internal large capacity data storage

Built-in image archive:
- 504MB built-in image storage

Body marks: 40 types
Transducer auto-detection

DISPLAY:

Date, Time, Probe Frequency, Frame Rate, Host, ID, Hospital Name, Depth, Frame Rate, Exam Type, Measurement Values, Gain, IP, Body Marks, Annotations, Probe Position

OTHERS:

Peripheral ports:
- S-video output: 1
- Video output: 1
- VGA output: 1
- USB port: 2
- Ethernet port: 1
- Remote control: 1
- Footswitch port: 1

Power supply: 100V-240V ~ 50Hz/60Hz
Lithium battery: Continuous operation for up to 2 hours
Dimensions: 330mm (13.0")Lx220mm (8.7")W x320mm (12.6")H
Net weight: 7.1kg (15.7 lb)

IMAGING PROCESSING:

Pre-processing: Dynamic Range
- Frame Persist
- Gain
- 8-segment TGC adjustment
- IP (Imaging Process)

Post-processing: Gray map
- Speckle Reduction Technology
- Pseudo-color
- Gray Auto Control
- Black/white invert
- Left/right invert
- Up/down invert
- Image rotation at 90° interval

MEASUREMENT & CALCULATION:

B-mode: Distance, circumference, area, volume, ratio % stenosis, histogram, and angle
M-mode: Distance, time, slope, and heart rate
Doppler: Time, heart rate, velocity, acceleration, trace, and RI
Software packages:
- Canine, feline, equine, bovine, ovine

STANDARD CONFIGURATIONS:

Clarity main unit
12.1" TFT-LCD monitor
Two transducer connectors
Pulsed wave Doppler
Multiple-pseudo-color Imaging
256-frame cine loop memory
504MB built-in image storage
Two USB ports
Measurement & calculation software packages

OPTIONS:

Micro-convex array transducer:
- C611-2 (5.5/6.5/7.5/H9.0/H9.4MHz)

Micro-convex array transducer:
- C321-2 (2.5/3.5/4.5/H5.0/H5.4MHz)

Convex array transducer:
- C361-2 (2.5/3.5/4.5/H5.0/H5.4MHz)

Linear array transducer:
- L761-2 (6.5/7.5/8.5/H9.0/H9.4MHz)

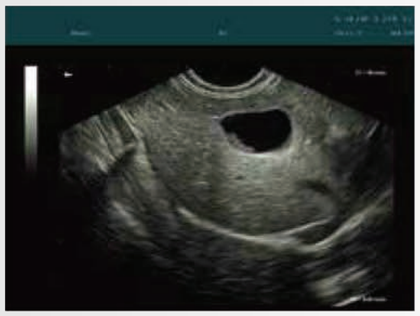
Linear array transducer:
- L743-2 (6.5/7.5/8.5/H9.0/H9.4MHz)

Endorectal transducer:
- V563-2 (4.5/5.5/6.5/H8.0/H8.4MHz)

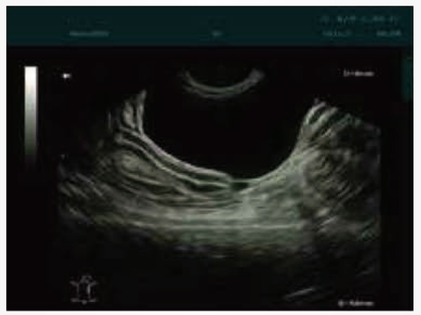
Transducer needle-guide brackets
Large capacity data storage
Video printer
Laser printer
Inkjet printer
Footswitch
Li-ion battery
Mobile trolley
Hand-carry bag
DICOM 3.0
UMS100 workstation software

The Clarity is an impressive new compact ultrasound system, providing superb value and quality across the entire range of applications. The addition of PW Doppler increases diagnostic information content.

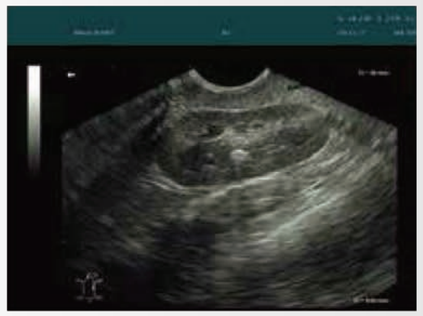
Canine Kidney



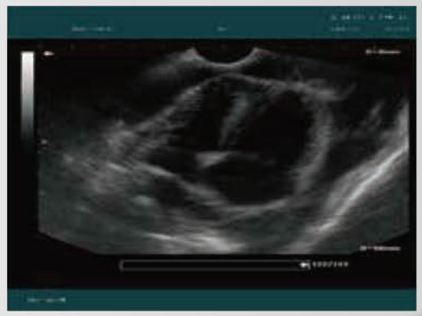
Canine Gall Bladder



Canine Bladder



Canine Renal Stone



Canine Heart

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