myvet imaging™

PORTABLE AND EXPANDABLE

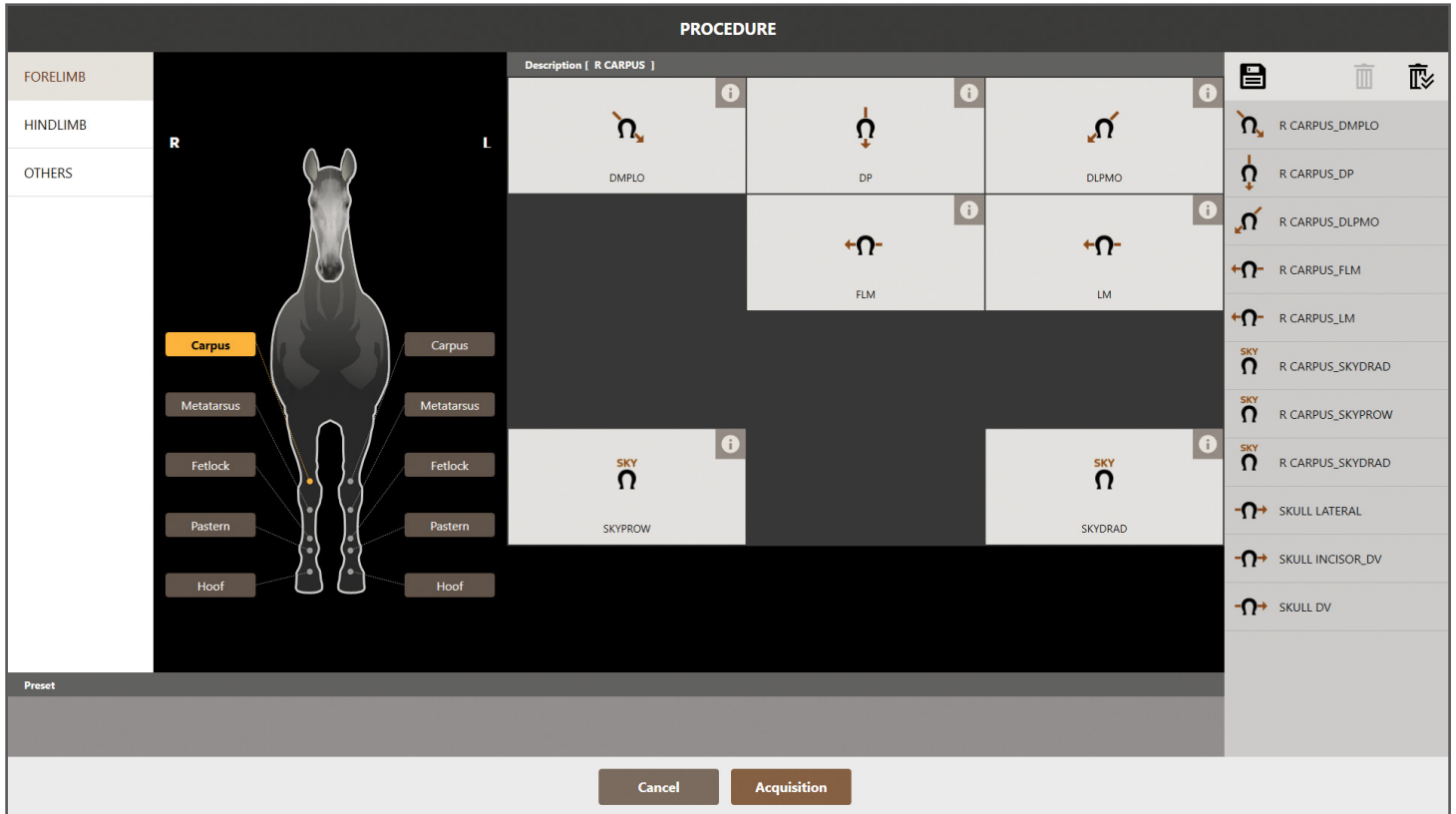## DR Detector • Intraoral Sensor • Ultrasound Transducer

Citation™

Portable Equine Imaging Workstation

- 10 x 12 inch DR flat panel detector
- 4 x 6 inch intraoral CMOS sensor
- Linear USB ultrasound transducer
- Rugged Carrying Case
- Tablet PC
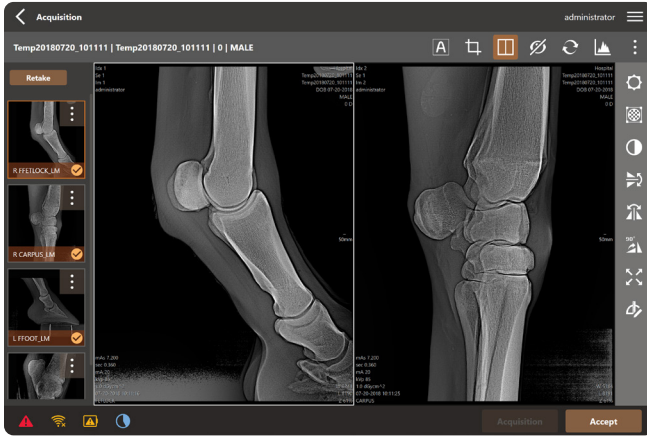- Equine specific acquisition software

All the essential imaging tools an equine practitioner needs to portably acquire optimal clinical results in an easy-to-carry case

Maximum clinical information from maximum image quality

Equine-specific image processing algorithm for DR flat panel detector and CMOS intraoral sensor
Contrast-enhancing image processing to emulate conventional X-ray grid contrast improvement
Optimized ultrasound image processing for soft tissue evaluation

Expandable configuration determines levels of individual workflow preference

Diagnostic image acquisition

▸ 10x12 WCC flat panel DR detector provides maximum diagnostic images
▸ Tablet PC with MyVet Equine software
▸ Detector carrying case with batteries
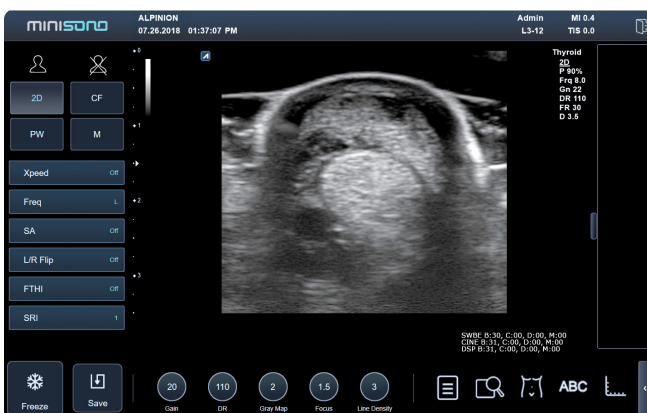▸ Protective detector holder

< Optional >
Equine weight bearing tunnel
Wireless alignment sensor

Intraoral examinations

▸ 4 x 6 inch CMOS intraoral sensor improves root visualization by reducing structure superimposition
▸ USB interface cable
▸ Positioning handle and plastic sensor cover included

Soft tissue evaluation

▸ Image acquisition software
▸ Linear transducer: 3-12 MHz
▸ Multiple imaging modes and processing

< Optional >
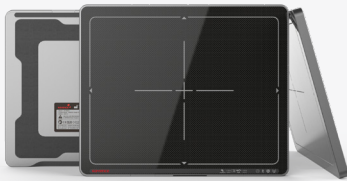Convex transducer: 1-6 MHz

Utilize DR or intraoral image acquisition individually
add ultrasound to either, or combine all three modalities together

Carrying Case Specifications

17.5 x 19.5 x 4.8 in.; Sturdy carrying case (6.0 lbs.) with detachable tablet PC flap; portable touchscreen keyboard; ultra bright, crystal clear Corning ® Gorilla ® glass touch screen; two (2) lithium ion batteries

Specifications

10x12 inch DR Panel

- Scintillator type: CsI
- Dimensions: 12.9 x 10.6 x 0.6 in
- Pixel pitch: 127 µm
- Weight: 3.7 lbs (including battery)
- Effective pixel matrix: 2264 x 1752 pixels

EzSensor Vet Max

- CMOS photodiode array
- Dimensions: 4.5 x 6.7 x 4.3 inch
- Pixel pitch: 70 µm
- Active pixel array: 1472 x 2172 pixels
- Data output: USB 3.1C
- IP 68

MINISONO

- Connection: USB
- Linear transducer
- Frequency: 3 ~ 12 MHz
- Imaging mode: 2D/CF/PW/M-mode
- Image feature: SCI, FCI, SRI, FTHI, Xpeed

Citation

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