

V9

Palm Veterinary
Ultrasound Diagnostic
Imaging System



Technical Specifications

General

Imaging mode	B, B+B, B+M, M
Gray scales	256
Display	7" LCD
Transducer frequency	2.0~10MHz
Transducer connector	1 (standard)
Scanning depth (mm)	From 45 to 250 (depending on probes)
System language	English/Spanish

Imaging Processing

Pre-processing	Edge enhancement Near/Far field adjustment 4 Focuses adjustment Frame correlation
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Post-processing	Gamma correction Left-right reverse Up-down reverse 4 levels zoom
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Functions

Cine loop	365 frames bidirectional cine-loop
Zoom	x1.0, x1.2, x1.5, x2.0 in real-time
Storage media	Built-in flash, external pen drive
Storage	Min. 1600 frames permanent storage
Body mark	24 types
Pseudo color	9
Transducer auto-detection	

Measurement & Calculation

B-mode	Distance, circumference/perimeter, area, volume angle
M-mode	Distance, time, velocity, EF slope, heart rate

Options



Professional Software Packages for Veterinary Use

Obstetrics	Canine-GW, EDCB (GSD, CRL, HD, BD) Feline-GW, EDCB (HD, BD) Sheep-GW, EDCB (CRL) Swine-GW, EDCB (HL, SL) Bovine-GW, EDCB (CRL, BBD, BTD, BUD) Equine-GW, EDCB (GSD, ERD, ESD, EED) Llama-GW, EDCB (BPD)
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Display

Data, week, time, transducer model, transducer position, transducer frequency, depth, focus position, body marks, frame rate, measurement values, gain, etc.	
Power supply	AC 100-240V 50/60 Hz and DC
Dimensions	250mm (W) x 100mm (L) x 185mm (H)
Net weight	2.5Kg

Standard Configurations

V9 main unit
7" LCD monitor
One transducer connector
One USB port
Two carrying straps
One lithium battery
One carrying master case
365 frames cine loop
Min. 1600 frames permanent storage
One rectal linear transducer (4.0/5.0/6.5/7.5MHz)
Professional software packages

Options

Convex transducer (2.5/3.5/5.0MHz)
Linear transducer (5.0/7.5/8.5/10.0MHz)
Car charger
Sun shade
USB sticker

EMP[®]
Emperor Medical



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Ultrasound Diagnostic
Imaging System



EMP[®]

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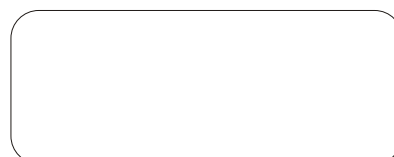
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DISTRIBUTOR



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V9

Palm Veterinary
Ultrasound Diagnostic
Imaging System



Water Proof



Features

- 7" LCD
- 9 pseudo colors
- Rechargeable built-in battery
- 365 frames cine-loop
- 2.5kg weight
- Abundant software packages



Bovine-GW,EDCB
(CRL,BBD,BTD,BUD)



Equine-GW,EDCB
(GSD,ERD,ESD,EED)



Swine-GW,EDCB
(HL,SL)



Sheep-GW,EDCB
(CRL)



Feline-GW,EDCB
(HD,BD)



Canine-GW,EDCB
(GSD,CRL,HD,BD)



6600 mA rechargeable battery



7" LCD



2.5kg weight



Master case