



Handheld Palm Ultrasound Scanner

P09VET

Key Features

| | | |
|------------------------------|--|--|
| System Configurations | <ul style="list-style-type: none"> ● Applications: <ul style="list-style-type: none"> - Equine, Bovine, Feline, Canine, Swine, Goat - Biopsy needle guidance function ● P09 main unit ● 7" TFT color LCD (touch screen) ● One transducer connector ● One USB port ● TV-out port ● AC/DC adaptor ● 512-frame cine loop ● 1000-frame image storage | <ul style="list-style-type: none"> ● Pseudo color imaging ● Measurement & calculation software packages ● Grid calculation function ● Rechargeable lithium-ion battery 2400 mAh ● Stylus pen ● Water proof field working bag ● Transport case ● 35C50H convex array transducer (2.0/3.5/4.5/5.5 MHz) |
| Options | <ul style="list-style-type: none"> ● 75E50H rectal linear array transducer (6.0/7.5/8.5/10.0 MHz) ● 75L50H linear array transducer (6.0/7.5/8.5/10 MHz) ● 65C15S micro-convex array transducer (5.0/6.0/7.5/8.0 MHz) ● 65EC10S endocavity transducer (5.0/6.0/7.5/8.0 MHz) ● Extra rechargeable battery (2400 mAh, up to 3 hours working time) ● Stainless steel biopsy guide for 35C50H convex array transducer | |

Specifications

General Description:

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|-------------------------------|---|
| Imaging Modes: | B, B/B, B/M, M,4B Pseudo color imaging |
| Scanning mode: | Convex, Linear |
| Gray scale levels: | 256 |
| Display: | 7" TFT color LCD (touch screen) |
| Transducer Connector: | 1 standard |
| Scanning depth: | up to 300 mm |
| Dynamic imaging technologies: | Digital Beam-forming Digital Frequency Scan Dynamic Receiving focusing Dynamic Receiving anodization Real-time Dynamic Aperture |

Imaging processing:

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|------------------|---|
| Pre-processing: | Gain adjustment |
| Dynamic range: | Frame correlation Edge enhancement Line density |
| Post-processing: | Gray scale Gray reject Scan angle Left/right reverse Up/down reverse Polarity reverse Left/right handed operation |

Function:

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|---------------|---|
| Zoom: | Real time zoom Freeze zoom |
| Zoom: | Overall Gain, Near-field Gain, Far-field Gain |
| Image memory: | Up to 1000 frames |
| Cine loop: | 512 frames |

Software function:

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|----------------------|--|
| General Measurement: | Distance, circumference, area, (trace/ellipse), volume, etc. |
| Calculation package: | Obstetrics, Gynecology, Urology, Orthopedics, small parts (thyroid), cardiac etc. |

Peripheral Ports

USB
TV-OUT (for printer)

Others:

Net weight:

1.2 kg (2.6 lbs.) w.o. transducer

Power supply:

100-240 VAC