



YUTIAN FUTAI INTERNATIONAL TRADE CO.,LTD.

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CATALOGUE FOR VET PREGNANCY ULTRASOUND SCANNER

(1)Futai-2000AV:

Unit Price : USD1900/ 1 unit (for pig /sheep and small mammals)

Quality grade: Best quality



Main parameters:

- Scanning Model: Mechanical Sector Scanning
- Frequency: 2.5MHz, 3.5MHz, 5.0MHz
- Display Depth: $\geq 190\text{mm}$
- Display Mode: B, B+B, B+M, M
- Obstetric Measurement: Distance, Perimeter, Area, Volume, Obstetrics(GA measurement for pig)
- Battery Capacity: $\geq 2200\text{mAh}$
- Image Processing:Smoothing, Pseudo-color and Histogram
- Image Storage: ≥ 128 frames
- Text: Name, Age, Gender, Date, Time, Hospital, Language,Full-screen character editing

Features:

- Probe: width frequency conversion; unique waterproof design; it can be applied to severe environments.
- Working Mode: Combined power supply mode of AC adapter and built-in Li-ion chargeable battery, 3 battery charging modes and the specialized brownout mode enables more lasting battery operation.
- Technology: WED-2000A adopts technologies such as microcomputer control and digital scanning converter (DSC), large dynamic broadband low-noise preamplifier, logarithmic compression, dynamic filtration, edge enhancement etc. to ensure legible, stable and high resolution images.

Probes: Mechanical Sector Probe





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(2)Futai-3000:

Unit price:USD2800/ 1 unit (can be used for pig/sheep/horse/cattle and other verterinary)

Quality grade:Best quality



Main Parameters:

- Scanning Model:Electronic Linear Array, Electronic Convex Array
- Frequency:2.0MHz-7.5MHz
- Cine-loop: ≥400 frames
- Image Storage:≥64 frame;non-volatile
- Image Adjustment:Left/Right, Up/Down, Brightness, Contrast Ratio, Focus Position
- Image Processing:Pseudo-color, Image smoothing, Histogram and Gamma Correction
- Measurement:General Measurement: Distance, Perimeter, Area and Volume
- Obstetrics Measurement: BPD, FL, AC, HC, CRL,GA, LMP, gestational age , EDD.
- Report: Automatically reports
- Text: Date, Clock, Name, Gender, Age, Doctor, Hospital, Full-screen character editing
- External Ports: Video Port, Mouse Port and USB2.0 Port
- Battery Capacity:≥2200MAh

Features:

- Futai-3000 adopts multiple technologies such as micro-computer control and digital scan converter (DSC), digital beam forming (DBF), real time dynamic aperture (RDA),real time dynamic receiving apodization, real time Dynamic receiving focusing (DRF), Digital frequency Scan (DFS), frame correlation technologies and so on All these technologies can endure its image with clarity, stability and high resolution.
- Combined power supply mode of AC adapter and built-in Li-ion chargeable battery, 3 battery charging modes and the specialized brownout mode enables more lasting battery operation.
- Four display modes: B, B+B, B+M, M;
- 256 levels gray scale.
- The handle structure and plastic injection model can satisfy out door diagnosis

Probes: Electronic Linear Array, Electronic Convex Array



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(3)**Futai-3100:** (can be used for pig/sheep/horse/cattle and other verterinary)

Unit price:USD2800/ 1 unit

Quality Grade: Best quality



Main Parameters:

- Scanning Model:Electronic Linear Array, Electronic Convex Array
- Frequency:2.0MHz-7.5MHz
- Cine-loop: ≥400 frames
- Image Storage:≥64 frame;non-volatile
- Image Adjustment:Left/Right, Up/Down, Brightness, Contrast Ratio, Focus Position
- Image Processing:Pseudo-color, Image smoothing, Histogram and Gamma Correction
- Measurement:General Measurement: Distance, Perimeter, Area and Volume
- Obstetrics Measurement: BPD, FL, AC, HC, CRL,GA, LMP, gestational age , EDD.
- Report: Automatically reports
- Text: Date, Clock, Name, Gender, Age, Doctor, Hospital, Full-screen character editing
- External Ports: Video Port, Mouse Port and USB2.0 Port
- Battery Capacity:≥2200MAh

Features:

- Futai-3100 adopts multiple technologies such as micro-computer control and digital scan converter (DSC), digital beam-forming (DBF), real time dynamic aperture (RDA), real time dynamic receiving apodization, real time Dynamic receiving focusing (DRF), Digital frequency Scan (DFS), frame correlation technologies and so on. All these technologies can endure ,its image with clarity, stability and high resolution.
- Combined power supply mode of AC adapter and built-in Li-ion chargeable battery, 3 battery charging modes and the specialized brownout mode enables more lasting battery operation.
- Four display modes: B, B+B, B+M, M;
- 256 levels gray scale.
- The handle structure and plastic injection model can satisfy out door diagnosis

Probes: Electronic Linear Array, Electronic Convex Array



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(4)Futai-V6: (can be used for pig/sheep/horse/cattle and other verterinary)

Unit price:USD1600/ 1 unit

Quality Grade: Best quality



Main Parameters:

- 5.6 inch TFT screen
- Pretty and very light
- Full digital imaging technology, crystal-clear Image
- Display screen: 5.6" TFT colr screen
- Scanning manner: Electronic convex array, electronic linear array
- Working frequency: 2.0MHz~10MHz
- Display mode: B, B+B
- Scanning range: Convex array 60°~150°
- Amplification factor:1.0, 1.2, 1.5,2.0
- Image processing: 8 γ corrections, frame correlation, point correlation, line correlation, digital filtering, digital edge enhancement and pseudo color processing, etc
- Conventional measurements: distance, perimeter, area, volume
- Obstetric measurement: horses, cattle, sheep, dogs, cats obstetric measurement
- Image gray-scale: 256 levels
- Scanning line number: 512 lines/frame
- Frame rate: 30 frames/second
- Digital scanning conversion: 512×512×8 bits
- Battery capacity: 3000mAH/7.4V,can work more than 2 hours
- Memory capacity: 8GB, can optional to 32GB
- Report function: auto make report
- Output interface: USB port, video.
- Overall size: 225mm×145mm×25mm
- Weight: 900g(with battery)

Features:

- 5.6 inch TFT screen
- Pretty and very light
- Full digital imaging technology, crystal-clear Image
- Simple and convention on operation
- Low power consumption -8G Large volume storage image
- Built-in battery -Solid shell and structure

Probes: 3.5MHz convex probe.



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(5)Futai-V2: (for pig /sheep and small mammals)

Unit price:USD1300/ 1 unit

Quality Grade: Better quality



Main Parameters:

- Scanning system: sector sweep;
- Probe frequency: 3.5MHz/5MHz probe and can variable frequency;
- Scanning depth: $\geq 180\text{mm}$, 70mm/110mm/130mm/150mm/192mm adjustable;
- Screen: 3.5 inches;
- Display mode: B
- Image gray scale: 256 level
- Pseudo color: 8 type
- Image store: 512 frame(by SD card)
- Measure: distance;
- Input power: dc 5V (by external battery input)
- Power consumption: 7W (probe run) /2.5W (probe stop)
- Battery work time: 10 hours
- Size: 92mm * 73mm * 42mm
- Weight: host 140g, probe 150g, battery 140g

Features:

- Small portable, easy to carry,
- Hand type keyboard, facilitate single hand operation;
- Concise function, simple to operation;
- Clear image, can be used to judgment pregnant, measuring fat;
- With probe frequency conversion function, adapted to different inspection demand;
- Battery can change easy, and for power dissipation is small so battery working time long;
- Large capacity SD card for store image (optional);
- With pseudo color display function;
- Screen with a visor, better for work under sun

Probes: 3.5MHz Mechanical Sector probe



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(6) **Futai-V1:** (for pig /sheep and small mammals)

Unit price: USD1400/ 1 unit

Quality Grade: Better quality



Main Parameters:

- Scanning system: sector sweep;
- Probe frequency: 3.5MHz/5MHz probe and can variable frequency;
- Scanning depth: ≥180mm, 70mm/110mm/130mm/150mm/192mm adjustable;
- Screen: 3.5 inches;
- Display mode: B
- Image gray scale: 256 level
- Pseudo color: 8 type
- Image store: 512 frame (by SD card)
- Measure: distance, Obstetrics;
- Input power: dc 5V (by external battery input)
- Power consumption: 7W (probe run) /2.5W (probe stop)
- Battery work time: 10 hours
- Size: 204mm*100mm*22mm
- Weight: host 300g, probe 150g
- Probe Connector: 1

Features:

- Small portable, easy to carry;
- Concise function, simple to operation;
- Clear image, can be used to judgment pregnant, measuring fat;
- With probe frequency conversion function, adapted to different inspection demand;
- Battery can change easy, and for power dissipation is small so battery working time long;
- Large capacity SD card for store image (optional);
- With pseudo color display function.

Standard Configuration :

- Main Host 1 Unit
- 3.5MHz Mechanical Sector Selectable 1 Pcs
- Internal Battery and charger 1 Set

Probes: 3.5MHz Mechanical Sector Selectable