

BXL-200 Wireless Color Doppler Ultrasound

• technical parameters

- 1.1. Whole machine is waterproof, dustproof, with waterproof level IPX7; sturdy and durable.
- 1.2. Fully digital wireless Doppler color ultrasound system for small animals, suitable for scanning cattle, sheep, horses, pigs, donkeys, camels, small animals, wild animals, etc.
- 1.3. Number of channels: 24.
- 1.4. Built-in lithium battery, working endurance ≥ 5 hours. Type-C data cable charging, supports wireless charging, car charging, fast charging, and power bank supply.
- 1.5. Ultrasound system scanning modes: B, 2B, 4B, B/M, M, and multiple display modes such as Doppler color ultrasound C mode.
- 1.6. Doppler color ultrasound C mode imaging: The accompanying probes all support color Doppler imaging, with probe color Doppler frequency ≥ 3 groups.
- 1.7. Color Doppler sampling frame angle adjustable $\geq \pm 15$ degrees, color gain ≥ 255 dB.
- 1.8. The host system comes with a Wi-Fi module to realize wireless transmission mode, 5G transmission.
- 1.9. Wireless connection monitor supports: tablet, smartphone, laptop, desktop computer. Monitor size and resolution are optional.
- 1.10. Monitor installation with free APP wireless display, APP compatible operating systems: Android, Windows.
- 1.11. Grayscale of the system: 256 levels, system dynamic range ≥ 180 dB, A/D conversion ≥ 12 bit.
- 1.12. Segment gain: TGC eight-segment adjustable, TGC can be adjusted with one key.
- 1.13. Operating interface available in Chinese and English.
- 1.14. Scanning depth: Rectal linear array probe maximum depth ≥ 27 cm.
- 1.15. Host probe: Rectal linear array.
- 1.16. Harmonic imaging: two gears Frequency: 5-10MHz Gain adjustment: 0-255 Dynamic range adjustment: 0-15 Transmit power: 0-3.
- 1.17. Focus: Harmonic imaging: two gears Frequency: 5-10MHz Gain adjustment: 0-255 Dynamic range adjustment: 0-15 Transmit power: 0-3.
- 1.18. Measurement and analysis: Supports basic measurements such as distance, perimeter, area, circular area, etc., equipped with various professional obstetric analysis software packages for multiple animal species, with ≥ 30 kinds of animal obstetric measurement types. Various measurement functions such as heart measurement.
- 1.19. Grid setting quick measurement function, 12 grid quick measurement display.
- 1.20. One-key measurement of back fat thickness function.
- 1.21. Examination types: The software comes with preset modes for examination of embryos, ovaries, uterus, urinary system, back fat, and other parts corresponding to cattle, sheep, horses, pigs, donkeys, etc. under different animal categories, allowing selection for corresponding examinations and professional measurements. Fixed corresponding host parameters under each mode. ≥ 30 examination modes.
- 1.22. Body markers: Cattle (embryo, ovary, uterus, urinary system, back fat, hips, etc.), pigs (embryo, ovary, uterus, urinary system, back fat, hips, etc.), goats (embryo, ovary, uterus, urinary system, back fat, hips, etc.), water buffalo, sheep, alpaca, cats, dogs, and other animals have different body markers for different parts, not less than 60 kinds of body markers.
- 1.23. Storage: Storage and preview of static images, adding body markers when saving images, storage and playback of dynamic cine images ≥ 255 frames, expandable.
- 1.24. Animal reports: Edit animal ear tags, various statuses, etc., when saving animal image pictures, use the photographed animal pictures for corresponding functions.
- 1.25. Host rated input: DC9.0V 2.22A; Adapter output: DC9.0V 2.22A.
- 1.26. Power supply: 100-240V ~ 0.8 A Frequency: 50-60Hz.
- 1.27. Weight: Total weight of the machine 350g (with probe).
- 1.28. Image frame frequency: 60 frames/second.
- 1.29. Host size: 198 \times 70 \times 28 mm (length \times width \times height).

