



Forever Medical

YJ-N50 FULL-DIGITAL LAPTOP ULTRASOUND SCANNER



Full-digital Laptop Ultrasound Scanner

Flexible and convenient operating system

A type of high array, high definition, multi-function full-digital laptop ultrasonic diagnostic apparatus.

Light and portable, more clearer, delicate and smooth image, convenient to operate, and powerful electrical power ability supports the machine for consultation in various environment of cities, towns, outdoor.

A variety of charging to ensure the examination consultation under different environments.

Probes: convex probe, trans-vaginal probe, trans-rectal probe, high frequency linear probe, visual artificial abortion probe

Supernormal battery life 4 hours

15 inch LED shows the images with more flexible ways.

USB port: storable and readable

YJ-N50(VET)

Full Digital Laptop Ultrasound System

Applicable Object:

Middle and small animals, liver, gallbladder, spleen, kidney, bladder, uterus and other tissues and organs inspection and diagnosis of lesions.

Pregnancy test and measurement of back fat thickness in large animals such as cattle, sheep, horses and pigs



FEATURES:

- 15 inches LCD display zone for large image size, with high quality.
- Probe Interface: Dual probe interface, with automatic identification function
- ARM platform, fast computing, HD imaging
- Abundant probe sets, suitable for different parts.
- Battery Capacity: Independent battery compartment /removable lithium battery /5200 mAh
- Four encoders, knob design, quick and convenient operation
- Support multi-language switching
- Movie playback: 256 frames, can be played back frame by frame and pause playback, pause playback can be used for image preservation and measurement
- Measurement: Professional measurement software;

Specification

1. Display: 15 inch LED screen;
2. Probe Interface : Dual probe interface, with automatic identification function
3. Battery Capacity :removable lithium battery /5200 mAh
4. Display mode: B, B + B, 4b, B + m, m;
5. Four encoders, knob design, quick and convenient operation
6. Simple operation interface, easy to understand, ready to use
7. Movie playback: 256 frames, can be played back frame by frame and pause playback, pause playback can be used for image preservation and measurement
8. Language: Chinese/English
9. Electron focusing: four stage electron focusing;
10. There were more than 18 body position markers;
11. Frequency conversion: All probes support five-stage frequency



conversion;

12. Image mirror: upper and lower mirror, left and right mirror, black and white flip;

13. Measurement: Professional software measurement package;

14. Character display: date, clock, name, gender, age, doctor, hospital, comment (full-screen character editing);

15. Gain range: 0-135db;

16. Interface: video interface, two USB interface, DICOM interface, VGA interface, power interface

17. Permanent storage: 16G built-in storage, can also be connected to external U disk storage

18. Grey scale: level 256

19. Dynamic range: 0-135db;

20. With the function of puncture guidance, puncture line position can be adjusted

21. With the function of rock positioning and dynamic target tracking

22. Front process: variable aperture, dynamic trace change, dynamic digital filtering, etc

23. After the process: 8 kinds of γ correction, line correlation, 16 level frame correlation, point and line correlation, linear



interpolation, digital spatio-temporal filtering, digital edge enhancement, 8 kinds of false color processing, etc

24. Blind area: ≤ 4

25. Maximum display depth :300mm

26. Geometric accuracy: transverse $\leq 5\%$, longitudinal $\leq 5\%$

27. Resolution: lateral $\leq 2\text{mm}$, axial $\leq 1\text{mm}$

28. Display magnification: 16 display modes; Lesion diagnosis is more accurate.

Enhanced depth display.

29. Host size: 360mm(L)*355mm(W)*65mm(H)