



Forever Medical

## YJ-A8

# Full Digital Ultrasonic Diagnostic Instrument



### Main Features:

- 5.7-inch ultra-high-definition LCD screen.
- Backfat test function: Fast backfat test and automatic backfat test.
- Video playback function: the last test video could be played and observed, convenient for one person to operate and record videos.
- Animal-specific software measurement suite, could accurately measure the pregnancy cycle.
- 16-color handheld ultrasonic all-in-one machine, could adjust different colors.
- Five detection modes, suitable for different detection targets of different animals
- Support multiple probes
- Grid ruler, quickly read out the size of the measurement target.

Email: [Julianne@yjcompany.com](mailto:Julianne@yjcompany.com)

WhatsApp: +86 18638789724

Web: [www.forermedchina.com](http://www.forermedchina.com)



Forever Medical

·Fully waterproof probe

**Applicable object:** Cattle, Sheep, Pig, Horse, Camel, Cat, Dog

Product Gross Weight(g)	Product Net Weight(g)	Product size(mm)	Product Packing Size(mm)
3800	740	245 × 130 × 44	410 × 370 × 180

## **Functional parameters of A8 full digital ultrasonic diagnostic instrument**

- 1.Display: 5.7-inch LED display;
- 2.support probe: 3.5MHz abdominal convex array probe, 6.5mhz micro convex small animal probe, 6.5mhz veterinary rectal probe, 7.5MHz high frequency linear array probe, 3.5MHz backfat probe;;
- 3.It has automatic backfat function (intelligent one key measurement), fast backfat function (mobile reading ruler) and manual backfat measurement function;
- 4.Display mode: B, B + B, 4b, B + m, m;
- 5.Electron focusing: four stage electron focusing;
- 6.There were more than 18 body position markers;
- 7.Frequency conversion: any probe has five section frequency conversion function;
- 8.Image image: rotate the image up, down, left and right, and flip the interface in black and white;
- 9.With image rotation function, the image can be flipped up, down, left and right;
- 10.In addition, it has annotation function, which is convenient for text and body mark annotation;
- 11.Routine measurement: distance, perimeter, area, volume and angle;
- 12.Specialty measurement, heart measurement and lean meat rate measurement;**Obstetric measurement of 8 kinds of animals**
- 13.It has the functions of grid ruler and point ruler, which can read the size of the detected object quickly
- 14.Character display: gain, frequency, dynamic, date, time;
- 15.It has 256 frame movie playback function, which can be played back frame by frame and video playback, and can select any image measurement annotation to save frame by frame playback;
- 16.Storage: it can be equipped with 8g memory card and external U disk for storage. It can browse pictures and transfer built-in pictures to U disk;
- 17.Dynamic range: 0-135db;



Forever Medical

18. Image processing: gamma correction (0-7), frame correlation (0-3), line correlation (0-5), edge enhancement (0-3), left and right flip (0-1), sixteen kinds of pseudo color processing;
19. Blind area:  $\leq 4$
20. The maximum display depth is 3.5MHz: 270mm, 6.5mhz: 189mm, 7.5MHz: 165mm;:
21. organization harmonic, histogram function
22. Interface: USB interface, PAL-D / NTSC video, VGA;
23. Geometric accuracy: transverse  $\leq 5\%$ , longitudinal  $\leq 5\%$
24. Resolution: lateral  $\leq 2\text{mm}$ , axial  $\leq 1\text{mm}$
25. Display magnification: 16 display modes;
26. Gain range: 0-100db;
27. Near field adjustment range:  $-31 \sim 0$ ;
28. Far field adjustment range:  $0 \sim 31$ ;
29. It has time and date, video output, TV mode, key tone switch, parameter mode, standby protection, multi language selection, custom gestational age and other settings;
30. Battery power indication, U disk indication, prompt information display;
31. Large capacity lithium battery, imported 18650 standard cell, can work for about 4 hours;
32. Host size: 245x130x44mm (length x width x height);
33. Main engine weight: 740g;
34. Double cooling channels, more smooth cooling