

# US-M10 Mechanical B/W Ultrasound Scanner



## Features

- It is suitable for pigs, sheep and big dog
- Fast backfat function (mobile caliper);
- It has annotation function, which is convenient for text and body mark annotation;
- 5.6-inch high resolution display;
- Metal wire drawing fuselage, 35mm thick, metal texture, cool fuselage, high heat dissipation;
- 16 kinds of false color function;
- 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;
- It has the functions of grid ruler and point ruler, which can read the size of the detected object quickly;
- It has time and date, key tone switch, winter mode, parameter mode, standby protection, multi language selection, custom gestational age and other settings;
- Large capacity lithium battery, imported 18650 standard cell, can work for about 5 hours;
- No noise, high strength aluminum alloy metal shell natural heat dissipation design.

## Technical Specifications

| PARAMETER     | SPECIFICATION                |
|---------------|------------------------------|
| Scanning mode | 3.5m mechanical fan scanning |
| Display mode  | B, M, BM, B + B, 4B          |

|                                                                                 |                                                                                                                                                                                   |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preheat function                                                                | one button preheat function in winter, no need to worry about the probe freezing                                                                                                  |
| Frequency conversion                                                            | 2.0MHZ, 2.5MHZ, 3.5MHZ, 4.0mhz, 5.0mhz                                                                                                                                            |
| Routine measurement                                                             | distance, perimeter, area, volume, angle, heart measurement and lean meat rate                                                                                                    |
| Specialized measurement                                                         | it has the function of gestational weeks setting, and can modify the gestational weeks of animals. Obstetric measurement of 8 kinds of animals                                    |
| Image processing                                                                | gamma correction (0-7), frame correlation (0-3), edge enhancement (0-3), left and right flip (0-1)                                                                                |
| Storage                                                                         | the built-in 8g storage can store tens of thousands of pictures, and the external U disk storage can browse pictures on this machine and transfer the built-in pictures to U disk |
| Dynamic range                                                                   | 0-135db                                                                                                                                                                           |
| The maximum display depth is 270mm                                              |                                                                                                                                                                                   |
| Display magnification                                                           | 16 level magnification adjustment                                                                                                                                                 |
| Interface                                                                       | USB interface, video output interface (can connect video printer and monitor), power interface, probe interface                                                                   |
| Gain range                                                                      | 0-100db                                                                                                                                                                           |
| Near field adjustment range                                                     | - 31 ~ 0                                                                                                                                                                          |
| Far field adjustment range                                                      | 0 ~ 31                                                                                                                                                                            |
| With image rotation function, the image can be flipped up, down, left and right |                                                                                                                                                                                   |
| Energy saving setting                                                           | 0-120 minutes can be adjusted step by step, set the number of minutes in the specified time without operation, automatic power off                                                |
| Host size                                                                       | 206x120x35mm (length x width x height)                                                                                                                                            |
| Main engine weight                                                              | 950g                                                                                                                                                                              |