

Double Head Ultrasounder Probe Type Wireless Convex Linear Transvaginal Scanner YJ-CT5

Product introduction

How it works

The wireless probe is a mini ultrasound scanner without a screen. We minimize the components of a traditional ultrasound into a small circuit board built into the probe, and showing image in smart phone / tablet through Wifi transferring. Rotate built-in screen probe is a wireless ultrasound probe add screen, image can both show in screen and tablet. Image transferring through internal wifi from probe, no need external Wifi signal.

Product advantage

Small and small size, easy to carry.

Wireless type without probe cable, working freely.

Waterproof design, convenient for sterilization.

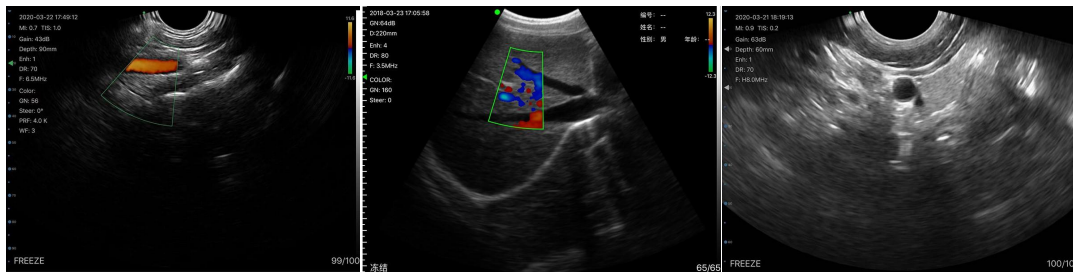
Remote diagnostic convenience, capability and easy image transfer



Specifications

- Probe Head: R60 Convex+R13 Transvaginal
- Scanning mode: Electronic array
- Display mode: B, B/M, color doppler version with B+Color, B+PDI, B+PW
- Probe element: 128
- Channel of RF circuit board: 32
- Probe frequency and scan depth, head radius/width, scan angle(convex): Convex head 3.2MHz/5MHz, 90/160/220/305mm, 60mm, 60°; Transvaginal head 6MHz/8MHz, 30/60/90/120mm, 13mm, 149°
- Image Adjust: B Gain, TGC, DYN, Focus, Depth, Harmonic, Denoise, Color Gain, Steer, PRF
- Noise reduction: 0-1-2-3-4

- Cine play: auto and manual, frames can set as 100/200/500/1000
- Puncture assist function: the function of in-plane puncture guide line, out-of-plane puncture guide line, automatic blood vessel measurement.
- Gain: 30db-105db
- Dynamic Range: 40/50/60/70/80/90/100/110
- Image/Video Storage: Store on mobile phones, Tablet PC
- Measure: distance, area, obstetrics and other
- Power: by built-in lithium battery, 4200mAh
- Battery working time: 3 hours
- Size: 156mm×60mm×20mm
- Net Weight: 220 g



Usage

1. For iPhone/iPad, please search “WirelessUSG” in Appstore and download; For Android, please download from our website or copy from another smart phone/tablet.
2. Press the probe button to start up, then open the Wi-Fi of the smart phone/tablet, select the Wi-Fi from the probe, and enter the password as the probe serial number in lower case letters (e.g: SN: C1234567, the password is C1234567, don’t input “SN”).
3. Open the installed software and begin use.

Reminder: A long button press is shutdown and a short press is freeze.

Clinical application

■Clinical value

Precision medical visualization tool, first aid quick examination, basic examination, wireless ultrasound probe is not only help the medical workers to improve working efficiency, reduce labor intensity and working pressure, but also improve diagnostic confidence and treatment. Minimize diagnostic and treatment errors, complications, sequelae, medical accidents and disputes.

■Application directions

1. Visualization tools: invasive intervention guide, surgical and therapy guidance.
2. Emergency inspection: ER, ICU, Wild First Aid, battlefield rescue.
3. Preliminary examination: Ward Inspection, primary clinic examination, medical examination, health screening, home care, family planning, etc.
4. Remote diagnosis, consultation, training: works on smart phone or tablet, easy telecommunications.

■Applicable Clinic

Anaesthesia, pain, ICU, urology, nephrology, cardiology, rehabilitation, orthopedics, gynaecology, reproductive, obstetrics, neonatology, pneumology, gastroenterology, hepatological surgery, general surgery, vascular surgery, thyroid surgery, skull surgery, neurology, transplantation, ophthalmology, dermatology, emergency, nursing, inpatient, physical examination, and ER ambulance, primary care, family planning centers, family medicine, home care, nursing home, prisons, plastic surgery, small needle knife/acupuncture treatment clinic, sports medicine, battle field ambulance, disaster ambulance, etc.

■Example of usages

Puncture/intervention guide: thyroid ablation, neck vein puncture, subclavian vein puncture, and neck and arm nerves, canal of arantius, spine puncture, radial vein injection, percutaneous renal surgery guide, hemodialysis catheter/thrombosis monitoring, abortion, bile duct puncture, hydropsarticali extraction, pain therapy and cosmetic surgery, urine catheterization.

Emergency inspection: internal bleeding, pleural effusion, pneumothorax, atelectasis of lung, temporal l posterior auricular fistula, pericardial effusion.

Daily inspection: thyroid, breast, liver cirrhosis, fatty liver, prostate/pelvics, stroke screening, retinal artery, uterus, follicular monitoring, fetus, musculoskeletal, podiatry, fractures, varicose veins, spleen, bladder/urinary function, urine volume measurement.



Support to connect various internal and remote information system, convenient to the realization of consultation.

Application in animal husbandry

- To monitor follicular development and ovulation, provide a reliable scientific basis for when to breed and increase the breeding rate.
- Ultrasound monitoring in early pregnancy, to find nonpregnant timely.
- Pregnancy monitoring can detect stillbirth, miscarriage, embryo absorption, etc. Meanwhile it can estimate the number of embryo.

- Perinatal monitoring can determine fetal viability and whether fetal or afterbirth is exhausted.
- Postnatal monitoring of uterine recovery, diagnosis of endometritis, uterine accumulation, effusion and other reproductive disorders.

Configuration

Standard Configuration: Wireless type host × 1, USB charging cable × 1

Optional: Android tablet/phone, carry case

Accessories

