

UT-8EC2012/C0



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 **SonoStar™** *New Tech, New Life*



UTouch-8 Touch Screen Ultrasound Scanner

- 18.5 inch LED touch screen, also can wall hanging
- 2 probe connector
- Full digital imaging technology, crystal-clear Image
- 3D Image function(optional)
- PC based, abundant functions
- Powerful image and report management
- Large volume storage image and cineloop
- DICOM display and transfer
- Compatible with laser/inkjet printers
- Outside battery(option)



UTouch-8 is first ultrasound scanner that with large and touch screen, it is popular for its pretty appearance, powerful functions, and easy to operation.

It is computer based so its functions is powerful, include can create detail diagnosis report, with large volume store, can work with any USB printer. And it also can use as a office computer when not use it as ultrasound scanner. Its structure also is special, can put on desk, also can wall hanging, and install on a trolley with rocker arm.

Standard Configuration:

- Ultrasound scanner host 1 unit
- Convex probe(R60, 3.5MHz) 1pcs
- Power adapter 1pcs
- Computer Keyboard & Mouse 1set

Optional:

- Linear, trans-vaginal, micro-convex, rectal probe
- Ultrasound Keyboard
- USB laser/ink printer, video printer
- Battery
- Trolley

Specification:

- Maximum Scanning Depth: max. 250mm
- Cine Loop: max. 1024 frames
- Real-time Zoom on B mode
- Image processing: Pre-processing, after-processing, dynamic range, frame rate, line average, edge; enhancement, Black/White inversion; Gray scale adjustment, contrast, brightness, γ revision.
- Gain: 0-100dB; Time gain control(TGC): 8 segment adjustment, B, M adjustment separately.
- Measurement and calculation(human):
 - B mode: distance, circumference, area, volume, angle, ratio, stenosis, profile, histogram;
 - M mode: heart rate, time, distance, slope and stenosis;
 - Gynecology measurement: Uterus, cervix, endometrium, L/R ovary;
 - Obstetric: gestation age, fetal weight, AFI;
 - Cardiology: LV, LV function, LVPW, RVAWT;
 - Urology: transition zone volume, bladder volume, RUV, prostate, kidney;
 - Small parts: optic, thyroid, jaw and face.
- Veterinary: Cattle: BPD, CRL, TD; Horse: GA; Dog: GS; Cat: HD, BD; Sheep: BPD, CRL, TD
- Supported output apparatus: U-Disk, Laser/ink printer, video printer, VGA
- Zoom: 10 ratio, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0
- Image store: by hardisk or USB disk
- 3D image function: can get rebuilt 3D image by any probe
- Work time by battery: about 2 hours
- Monitor: 18.5 inch color LED touch screen
- Dimension: 48cm*34cm*10cm
- Weight: Around 6.5kg
- Multi-frequency: 5 segment frequencies
- Scanning mode: B, 2B, B/M, M, 4B, 9B, ZOOM;
- Image gray scale: 256 level gray scale
- Probe Connector 2



Wireless Handle Control Mouse

STORE

USB

