YJ-U5600 Human Ultrasound Scanner

(New Portable LED Model)

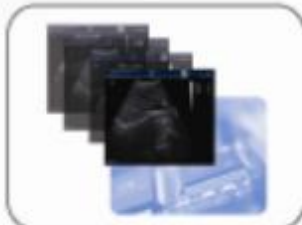**Net weight of main unit is 4.5Kg, smart and light, convenient for carrying.**

Large-capacity lithium battery can drive the main unit to work for more than 200 minutes.

The hard disk can be extended to 4G to get 5000 frames permanent image storage.

Tech Parameters:

- 10.4' high resolution color LED backlight display, with high contrast and wide viewing angle;

- Adopt ARM7 embedded control system +FPGA signal processing system + well selected ultrasound hardware system, all make the unit more stable.
- Menu operation system, with different languages according to requirement including Spanish, English, French, Russian and Portuguese；
- Two probe sockets, auto-identify different optional probe；
- Body marks：total 64 kinds body marks indicating probe position；
- Display mode：B、2B、4B 、B/M、M ；
- Adjustable depth: 10 grades, max depth to 236mm；
- Gain：0～127dB；
- Contrast：27～90dB；
- Gray scale：256；
- 8 steps intelligent TGC；
- Frame frequency: 30 frames /second
- 8 kinds pseudo colors；
- Image storage: 4G hard disk to permanently store about 5000 frames images；without loss when power off.
- Cine loop：256 frames；
- Puncture guide function with 2 correctable puncture guiding lines(adjustable angle & position)；
- the gravel software package with real-time position line measurement
- Normal measurement: distance、 perimeter, area, volume, angle, length and area stenosis ratio measurement.
- Cardio measurement：Depth, slope, heart rate, cycle；
- Gynecology measurement and analysis: gynecology general measurement and gynecology report.
- OB measurement including: 15 kind of obstetric software, several GA measurement, amniotic fluid index ,fetal growth curve and OB report.
- Urology measurement and analysis: residual urine volumem, prostate volume, and urology report .
- One-key store: concise and practical;
- One-key review：fast, practical image review function;
- One-key Print；
- One-key Transfer the current frozen image to net workstation to complete its image text report and print directly;
- Concise and practical, easy operation. The system includes network workstation to complete data & report management (You don't need to invest more to buy extra ultrasound working station)；
- Unique One-key-light keyboard function for black room use;
- Display brightness adjustable；
- Dual TV output: PAL/NTSC, can connect video printer when necessary；
- Power supply：100-240V～ 1.2-0.6A frequency：50-60Hz；
- Power supply adaptor output：DC12.8V 3.0A；
- Main unit weight：4.5kg（without accessories）；
- Main unit dimension：256×150×326mm（L×W×H）；

Main basic configuration：
- Main unit   1pc；
- 3.5MHz convex probe   1pc；
- Power supply adaptor   1pc；
- Reticle   1pc;
- Two probe sockets

Optional parts：
- Optional probes
   6.5MHz multi-frequency trans-vaginal probe(through vagina)
   6.5MHz micro-convex probe for small animals
   7.5MHz multi-frequency linear probe
   7.5MHz multi-frequency cavity probe (through anus)
- Battery charger
- Li-battery: HYLB-1614 11.1V-4400mAh 48.84Wh
- trolley
- Video printer（UP-897MD）
- Ethernet Switch