



YJ-U3101A Full-digital Portable Ultrasound Scanner

First-class digital imaging technology, more clearer image

- 1.Full-digital beam image formation technology
- 2.Double inserted probe identifies automatically
- 3.Generating clinical report automatically
- 4.The whole dynamic receiving focusing
- 5.High –precision digital scan conversion DSC
- 6.Intelligentized TGC gain control of the whole paragraph 8
- 7.Advanced technology to ensure that the SMT placement machine reliability

Luxuriant image processing

Scanning mode: convex / linear / micro-convex

Probes: convex probe, trans-vaginal probe, trans-rectal probe, high frequency linear probe, visual artificial abortion probe

Display : 10 inch non-interlaced monitor

Lateral resolution : $\leq 2\text{mm}$ (depth $\leq 80\text{mm}$) $\leq 3\text{mm}$ ($80 < \text{depth} \leq 130\text{mm}$)

Axial resolution : $\leq 1\text{mm}$ (depth $\leq 80\text{mm}$) $\leq 2\text{mm}$ ($80 < \text{depth} \leq 130\text{mm}$)

Geometry precision: lateral $\leq 5\%$, axial $\leq 5\%$

Dynamic scope: 0~100dB, visible & adjustable

Electronical focusing multi-point or dynamic focusing

Display mode : B, B+B, 4B, B+M, M

Detecting depth : 240mm

Blind Zone: $\leq 3\text{ mm}$

Gray scale: 256

Pseudo color: 16

Body marks: 16

Probe interface: 2

Cine loop: 256 frames

Gain control: The total gain, 8-segment TGC

Image conversion: up/ down, left / right, black / white

Puncture guide: The puncture guide line can

be displayed under B mode

Measurement: distance, perimeter, area, heart rate,
gestational week (BPD, CRL, GS, FL, AC)

Note: ID, gender, age, hospital, doctor, comment, date, time

Image review: Images can be reviewed successively or



checked one by one

Image storage: 128

Video output: SVGA (SVGA color monitor), PAL-D

Main power supply: AC220V $\pm$ 22V, 50/60Hz

Standard configuration

10 inch high resolution CRT

3.5MHz Multi-frequency convex probe(2.5MHz-5.0MHz)

Options

6.5MHz Trans-vaginal probe

7.5MHz High frequency linear probe

7.5MHz rectal probe

Trolley