Specifications of SS-6

Application of equipment controlled by computers and digital scan converters(DSC), the use of variable apertures, multi-stage dynamic focus, dynamic broadband with low-noise pre-amplifier, log compression, TGC control, dynamic filtering, edge enhancement, frame correlation technologies etc. The image is clear, stable, and of high-resolution.

Main functions and features:

1. progressive scanning output without flickering, delicate and clear images, 10 " black-and-white VGA display with high definition.
2. portable type structure, exquisite, refined; use the trackball and the touch screen keyboard structure consisting with the ergonomic principles, efficient, convenient and flexible.
3. use current leading ultrasound technology in the area of broadband technologies, increase the sensitivity and the ability of penetration with largest possibility, ensure high-quality two-dimensional image.
4. dynamic focus system, dynamic frequency scanning, multi-layer frequency conversion probes with high density.
5. use digital image processing, 8 ways for pseudo-color, a set of black-and-white image, improve the accuracy rate of diagnosis.
6. flexible processing approaches to image observation; display multiple static images and dynamic images in the same screen.
7. positioning function for lithotripsy
8. use the latest PLD and VGA video output devices, can be connected with external large-screen

monitors, color displays, video recorders, video image printers and other equipments.
9．adopt touch-operated keyboard and track ball, efficient, convenient and flexible.

Main Technical Index :
Probe connector: 2
Display depth: 240mm
Resolution Power: Lateral 2mm, Longitudinal 1mm
Monitor: 10 " black-and-white SVGA progressive scanning display.
Gray scale: 256
Display mode: B, B / B, 4B, B / M, M
Main probe: 3.5 MHz electronic convex array (frequency conversion)
Electronic focus: 4 focus of random combination
Frame correlation: 4 kinds
Measuring functions: distance, area, perimeter, volume, ellipse, heart rate, gestational age, fetal birth weight, computing packages for expected date of childbirth
Magnification: × 1.0, × 1.2, × 1.5, × 2.0
Depth upgrade: B, B+B mode of upgrading
Body markers: a variety of body markers (30 sorts)
Display information: date, time, medical records number, magnification, measurement value, the body tag, character notes, coefficient of frame correlation, scanning depth, portfolio of probe type, conversion in both English and Chinese, full-screen character edit etc.
Probe frequency conversion: (2-3.5-5.0MHZ) electronic convex array, (5.5-6.5-8.0MHZ) electronic convex array (vagina), (5.5-7.5-10.0MHZ) electronic linear array.
TGC adjustment: 8 TGC adjustments
Cine loop: 256 frames
Image processing: up/down, left/right, black/white, frame correlation, γ correction
Pseudo-color function: 8 kinds
Terminal output: VGA, PAL-D video output
Storage: large capacity of USB storage, local store and collect pictures function
Standard configuration: one mainframe unit of B-ultrasound, one electronic convex array probe.
Optional parts: 7.5MHz high-frequency linear array probe (superficial),6.5MHz intra-cavity probe(vagina), 7.5MHz rectal probe, 6.5MHz little organ probe, video recorder, U disk，deluxe cart.
Size: 510mm (length) × 375mm (width) × 385mm (height)
Weight: about 12kg (with package)

SonoStar

Sonostar Technologies Co., Limited

Web: http://www.sonostar.net Mail: sonostar@sonostar.net

MSN: sonostar@163.com Skype: sonostar-ut