A6
Ultimate Performance, Like Nothing Else

Technical Description

General Description

System design: HCU with LCD monitor, monitor angle 30 degree adjustable.
Net weight: 6kg
Image mode: A, B, M, N, M, TH
Gray scale: 256
Display: 12" anti-glare LCD monitor
Transducer frequency: Up to 12 MHz(depending on transducers)
Transducer connector: 2 standard
Digital technology: Tissue Harmonic Imaging
Digital beam forming(DBF)
Turning-on button image optimization
Free variable frequency
Spectral function
Scanning angle: Up to 180 degree (depending on transducers)
Scanning depth(mm): Up to 320(depending on transducers)

Imaging processing

Pre-processing: 8-segment TGC
Dynamic range
Image enhancement
Scanning angle
Power range
Image rotation at 90 degree interval
Post-processing: Gray-map
Mark/Variable reverse
Left-right reverse
Up-down reverse

Functions

Storage media: 1G standard image-storage capacity, USB drive
Zoom: Panoramic zoom in real-time

Measurement and Calculation

B-mode: Distance, circumference, area, volume, angle, fetal growth curve, prostate volume
M-mode: Distance, time, heart rate
Software packages: Abdominal, gynecological, obstetrical, cardiological, small parts, urological

Others

Peripheral port: S-Video, VGA, two USB ports, footswitch, LAN, print control
USB port: 2
Power supply: 100-240VAC, 50/60Hz
Power consumption: 30W
Dimension: 340mm x 340mm x 150mm (L W H)

Standard Configuration

A6 main unit
12" non-interlaced non-flickering LCD monitor
Two standard, active transducer connectors
THI(Tissue Harmonic Imaging)
1G build-in flash storage
Two USB ports
Measurement & calculation software packages

Probe Options

Curved probe(Abdominal, OB/GYN):
C531(2-6MHz)
C532(2-6MHz)
C541(3-8MHz)
Linear probe(Vascular, Small parts):
L745(5-11MHz)
L746(5-11MHz)
L773(5-11MHz)
L774(6-13MHz)
L621Y(4-8MHz)
Micro-curved probe(Transvaginal):
6V1(4-8MHz)
6V2(4-8MHz)
Micro-curved probe(Cardiology):
C312(2-5MHz)
C612(4-9MHz)
6EC(4-9MHz)

Optional Accessories

Needle-guided bracket
One-to-Two transducer converter
Footswitch
Mobile trolley
Carrying bag
B/W video printer

Sonoscape

SonoScape

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SonoScape is a high technology company which specializes in manufacturing and developing ultrasound systems and ultrasound transducers for many years. Supported by numerous innovative technologies, SonoScape introduces A6 as a reliable and easy-to-use Hand-carried Ultrasound system with premium image quality which is comparable to hi-end cart-based B/W ultrasound systems.

- Elegant outline, only 6 kg weight and optional mobile trolley, A6 creates a comfortable working environment.
- 12-inch angle adjustable LCD, two transducer sockets, A6 minimizes your working fatigue.
- Premium B/W ultrasound technologies, abundant software packages and a series of high density probes, A6 assists you in reaching new heights of various clinical applications.

Although designed as an ultra compact HCU, A6 combines the essential features of easy-to-use and high quality image. These features enable it to maximize doctors' confidence and comfort.

- Tissue Harmonic Imaging: significantly improves Image contrast and resolution
- Five Variable Frequencies: minimize the inconvenience of frequently changing probes working with broad band probes.
- M-Tuning function : one-key to optimize the image quality automatically.
- One Button quick operation: Save, Report, Print, File, Comment, Patient, THI, Clipboard and nine quick keys for Obstetric measurements
- Abundant Body Marks for quick access to different applications

As a versatile but light weight HCU system, A6 is a reliable and efficient tool for medical professionals anytime and anywhere.

- Comprehensive application fields: general, radiology, OB/GYN, vascular, urology, anesthesia, emergency, ICU, physiotherapy, MSK, pediatric, Shared Services, etc.
- Compatible to a range of HD transducers including 180 degree HD endocavity probe with temperature-detection technology
- Optional external Battery supports for various point-of-care usage
- Super documentation abilities: USB storage, PDF report, AVI/JPEG, DICOM, etc.