



CE 0434



ISO 13485

Technical Description

General Description

System design	HCU with LCD monitor, monitor angle 30 degree adjustable
Net weight	6kg
Image mode:	B, B/B, M, B/M, 4B, THI
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(THI) Digital Beam-forming(DBF) M-turning one-button image optimization Five variable frequency Chroma 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 Imaging processing Dynamic range Image enhancement Scanning angle Power range
Post-processing	Image rotation at 90 degree interval Gray-map Black/White 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 DICOM 3.0
Power supply	100-220VAC, 50Hz/60Hz
Dimension	340mmx340mmx150mm (LxWxH)

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):
C351(2-6MHz)
C352(2-6MHz)
C543(3-8MHz)
Linear probe(Vascular, Small parts):
L745(5-11MHz)
L746(5-11MHz)
L773(5-11MHz)
10I2(6-13MHz)
L663V(4-9MHz)
Micro-curved probe(Transvaginal):
6V4(4-9MHz)
6V5(4-9MHz)
Micro-curved probe(Cardiology):
C312(2-5MHz)
C612(4-9MHz)
EC2(4-9MHz)

Optional Accessories

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

A6

Ultimate Performance, Like Nothing Else



SonoScape

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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.

