

S3 Portable Ultrasound Diagnostic Scanner



- Advanced transducer technology
- Digital Beam Forming
- Multiple imaging modes
- Patented innovative design
- Real-time Dynamic Aperture



S3

General Description:

Imaging Modes:	B, B/B, 4B, B/M, M
Scanning Modes:	Convex, Linear
Gray Scale:	256
Display:	10" non-interlaced monitor
Gain:	up to 120dB
Transducer connector:	2 standard
Scanning depth:	up to 250mm
Imaging technology:	Digital Beam-forming Dynamic Receiving Focusing

Imaging processing

Pre-processing:	8-segment TGC adjustment Dynamic range Frame correlation Edge enhance
Post-processing:	Gray scale Polarity reverse Left/right reverse Up/down reverse
Functions:	
ZOOM:	Local zoom Panoramic zoom
Image memory:	up to 128 frames
Cine loop:	256 frames
Pseudo color:	16 colors selectable

Software Functions:

General measurement:	distance, circumference, area, volume, angle, ration, etc
Obstetric measurement:	BPD, CRL, GS, FL, HC, AC, EDD, AFI, FW
Comments:	week, day, time, doctor name, patient ID, age, sex, transducer type, transducer frequency, gray scale

Peripheral ports:

USB
SVGA
PAL-D
Video output

Others:

Net weight:	7.0Kg
Power supply:	AC 110V-240V 50Hz
Dimensions:	300×380×240

Standard Configurations:

S-3main unit
10" non-interlaced monitor
Two transducer connectors
256 frames cine loop
Electronic convex transducer

Options:

Electronic linear transducer
Electronic endocavity transducer
High frequency rectal linear transducer
Mobile trolley
Thermal printer



Electronic convex array probe



High-frequency linear probe



High-frequency trans-vaginal probe



High-frequency rectal linear probe

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