General:

Imaging mode: B,B+B,4B,B+M,M
Gray scales: 256
Display: 10" non-interlaced
Transducer frequency:
    2.0-10.0 MHz
Transducer connector:
    1 (standard) 2(optional)
Beam-forming: Digital Beam-forming
    Dynamic Receiving Focusing
    Real-time Dynamic Aperture
    Dynamic Frequency Scanning
    Dynamic Apodization
    Tissue Harmonic Imaging
    Tissue Specific Imaging
Scanning angle: up to 152 degree (depending on transducers)
Scanning depth (mm):
    from 19 to 245 (depending on transducers)
Applications: Abdomen,obstetrics, small parts, gynecology, urology, cardiology, orthopedics

Imaging Processing:

Pre-processing: Dynamic range
    Edge enhancement
    Frame correlation
    Line correlation
    Smooth
    AGC
    4-segment TGC adjustment
    IP (Image Process)
Post-processing: Gray map
    Gamma correction
    Rejection
    Black / white reverse
    Left / right reverse
    Up / down reverse
    Image rotation at 90 degree interval

Functions:

Cine loop:	128 frames bidirectional cine-loop
Zoom:	X1.0, X1.2, X1.4, X1.6, X2.0, X2.4, X3.0, X4.0 in distance
Storage media:	Built-in Flash, External USB-Memory stick
Storage:	56 MB permanent image
Body mark:	>130 types

Transducer auto-detection

16-segment acoustic power output adjustment

Measurement & Calculation:

B-mode:	distance, circumference, area, volume, angle, ratio, %stenosis
M-mode:	distance, time, heart rate (2 cycles), slope
Software packages:	General,gynecology, obstetrics, urology, small parts, cardiology, orthopedics

Display:

Date, Time, Probe Name, Probe Frequency, Frame Rate, Patient Name, Patient ID, Hospital Name, Measurement Values Body Marks, Annotation, Probe Position, Full-image-region edit

Others:

Peripheral port:	Video output X1
	VGA output port X1
	USB port X2 (1 host, 1 device)
	DICOM3.0 X1 (optional)
Power supply:	100V-240V~50Hz/60Hz
Dimensions:	359mm(L) X 320mm(W) X 270mm(H)
Net weight:	12 kg

Standard Configurations:

DUS 3 main unit
10" non-interlaced monitor
One transducer connector
128 frames cine loop memory
56MB built-in image storage
Two USB ports (1 host, 1 device)
Measurement & calculation software packages
Convex array transducer:
        C361-1 (2.0/3.0/4.0/5.0/6.0 MHz)
One cable holder

Options:

Linear array transducer:
        L741 (6.0/7.0/8.0/9.0/10.0 MHz)
Endorectal transducer:
        E741 (6.0/7.0/8.0/9.0/10.0 MHz)
Endovaginal transducer:
        E611-1 (4.5/5.5/6.5/7.5/8.5 MHz)
Convex array transducer:
        C341 (2.0/3.0/4.0/5.0/6.0 MHz)
Micro-convex array transducer:
        C321-1 (4.0/5.0/6.0 MHz)
Two transducer connectors
Video printer
Laser printer
Inkjet printer
Biopsy guide
DICOM 3.0
Footswitch
Mobile trolley
Hand carried bag