

System Description

The Z60 is an ergonomically designed portable and ease-of-use machine for multi-specialty use like adults, pregnant women, pediatric patients and neonates.

Intended Use

- CE Region: It is intended for use in gynecology, obstetrics, abdominal, pediatric, small organ, cephalic, transcranial, musculo-skeletal, cardiac, vascular, urology, orthopedics, nerve and intraoperative exams.
- FDA Region: It is intended for use in fetal, abdominal, intraoperative (abdominal, thoracic, and vascular), pediatric, small organ (breast, thyroid, testes), neonatal and adult cephalic, trans-rectal, trans-vaginal, musculo-skeletal (conventional, superficial), cardiac (adult, pediatric), peripheral vessel and urology exams.

General Specification

Dimensions and Weight

- Unfolded:
 - Depth: 476mm (18.74-inch)
 - Width: 415mm (16.34-inch)
 - Height: 396mm (15.59-inch)
- Folded:
 - Depth: 190mm (7.48-inch)
 - Width: 415mm (16.34-inch)
 - Height: 378mm (14.88-inch)
- Net Weight: ≤ 8.8 kg (including ACDC and battery)

Electrical Power

Input power

- Voltage: 100-240V~
- Frequency: 50/60Hz
- Input current: 1.5- 0.8A

Battery

- Lithium-ion Battery Pack: 14.8 V \equiv , 6600 mAh

- Charge time: < 3 hours (connected on AC power supply, with the system powered off)

- Endurance time: > 100 min

Boot time

- Boot time: >38 s
- Wake up time (from standby): ≤ 5 s

Operating Environment

Ambient temperature: 0°C ~ 40°C

Relative humidity: 30% ~ 85% (no condensation)

Atmospheric pressure: 700 hPa ~ 1060 hPa

Storage & Transportation Environment

Ambient temperature: -20°C ~ 55°C

Relative humidity: 30% ~ 95% (no condensation)

Atmospheric pressure: 700 hPa ~ 1060 hPa

Probe

Probe Types

- Convex array
- Linear array
- Phased array

Scanning Methods

- Electronic convex with extend FOV
- Electronic linear with slant scanning and trapezoid
- Electronic sector

Probe Model

> 3C5P	Convex
> 6C2P	Convex
> 6CV1P	Endocavity Micro-Convex
> CB10-4P	Bi-plane (convex & convex)
> 7L4P	Line
> 7L5P	Line
> L14-6P	Linear
> 2P2P	Phased
> V10-4BP	Convex
> 7LT4P	Linear
> 6LE7P	Linear
> P7-3P	Phased

- D6-2P Convex

Available Needle-guided Bracket for Probe:

- 6CV1P NGB-004
- CB10-4P NGB-004
- V10-4BP NGB-004
- 6C2P NGB-005
- 3C5P NGB-006
- 7L4P NGB-007
- 7L5P NGB-007
- 6LE7P NGB-009
- 7LT4P NGB-010
- 2P2P NGB-011
- L14-6P NGB-016

System Configuration

Standard Configuration

- Display
 - 15-inch LCD, High-Resolution 1024 x 768
 - Contrast & Brightness adjustable
 - Screen Saver: Time and picture presettable
 - Angle adjustable: 30°
- Control Panel
 - Alphanumeric Keys
 - Function Keys
 - Knobs
 - User-defined Keys: function presettable
 - 8 segment TGC
 - Trackball: Color & Speed presettable
 - Key Backlight Brightness & Volume presettable
 - Integrated Speakers
- Indicators: Power/Battery/Standby/HDD status
- Handle
- Phase Shift harmonic imaging
- Steer scanning for linear probes (2D Steer)
- iBeam™
- iClear™ (Speckle Suppression Imaging)
- Color/Power module
- PW module
- iTouch™
- ExFOV Imaging
- iStation™
- 500G integrated hard disk
- I/O Interfaces
 - Transducer port: 2
 - Power input port: 1 (Connect to the AC power

supply)

- USB port: 4
- VGA OUT port: 1
- Video OUT: 1
- S-Video OUT: 1 (Separate video output)
- Ethernet port: 1 (Connect to network)
- Remote control port: 1
- Equipotential terminal: 1
- Multi-language screen display and control panel overlay
- Application categories
 - Abdomen
 - Obstetrics
 - Gynecology
 - Cardiology
 - Small Parts
 - Urology
 - Vascular
 - Orthopedics
 - Emergency
 - Nerve

Accessories

- Operator's manual
 - Basic Volume.
 - Advanced Volume
 - Operation Note
- Gel
- Power cord
 - 3-Flat-Pin Power Cord
 - EU Power Cord
 - US Power Cord
 - UK Power Cord
- Probe holder
- Grounded Cable
- Video Printer Remote Cable

System Language

- Software display and keyboard input available: Chinese/English/German/Spanish/French/Italian/Portuguese/Russian/Czech/Polish
- Keyboard input available only: Icelandic/Norwegian/Swedish/Finnish/Turkish/Danish
- Control panel overlay available: Chinese/German/Spanish/French/Italian/Portuguese/Russian/Czech/Polish
- Operation manual available: Chinese/English/German/Spanish/French/Italian

/Portuguese/Russian

Options

- IMT (Auto Calculation of Intima-Media Thickness)
- HPRF
- CW module
- iScape View
- Free Xros M (Anatomical M)
- Smart 3D (not applied in FDA region)
- Static 3D (not applied in FDA region)
- 4D (not applied in FDA region)
- iPage (not applied in FDA region)
- iLive
- Tissue Doppler Imaging (not applied in FDA region)
- Color M (not applied in FDA region)
- Elastography (not applied in FDA region)
- iNeedle
- iWorks (not applied in FDA region)
- ECG (not applied in FDA region)
- Application software package (including related exam mode, comments, measurements, body marks and report)
 - Abdominal package
 - Obstetrical package
 - Gynecological package
 - Cardiac package
 - Small parts package
 - Urological package
 - Vascular package
 - Pediatric package
 - Nerve blocks package
 - Emergency medicine package
- DICOM basic
 - Task management
 - DICOM storage
 - DICOM print
 - DICOM storage commitment
 - DICOM media storage (including DICOM DIR)
- DICOM Worklist
- DICOM MPPS
- DICOM Query/Retrieve
- DICOM OB/GYN structured report
- DICOM vascular structured report
- DICOM cardiac structured report
- Keys for optical functions
- Battery Pack
- External USB DVD drive: SE-208GB

- Footswitch:
 - 971-SWNOM (2-pedal or 3-pedal)
 - FS-81-SP-2 (1-pedal)
- Mobile trolley: UMT-150
 - Weight: 21 kg
 - Width: 445 mm
 - Depth: 535 mm
 - Height: selective (not available after installed): 810 mm, 870 mm, 2 levels
- Mobile trolley: UMT-160
 - Weight: 20 kg
 - Width: 616 mm
 - Depth: 702 mm
 - Height: selective (not available after installed): 1247 mm, 1147 mm, 2 levels
- Carrying Case
- Gel
- Print paper
- Probes
- Needle-guided brackets

Peripherals Supported

- Black and White Video Printer
 - SONY UP-897MD Analog
 - SONY UP-X898MD Analog
 - MITSUBISHI P93W-Z Analog
 - SONY UP-D897 Digital
 - SONY UP-D898MD Digital
- Color Video Printer
 - SONY UP-20 Analog
 - MITSUBISHI CP910E Analog
- Graph / text printer
 - HP Color LaserJet CM1015 MFP
 - HP LaserJet p1007
 - HP LaserJet 1020 plus
 - HP Officejet 7000 wide format
 - HP Deskjet 1050
 - HP Deskjet Ink Advantage 2020hc
 - HP Deskjet Ink Advantage 2010 printer
 - HP Officejet Pro 8100
 - HP Deskjet 1000-J110a
 - EPSON Stylus PHOTO R230
 - EPSON Stylus PHOTO R270
 - HP LaserJet CP1025

Exam Mode

- Adult ABD (Adult Abdomen)
- ABD-Difficult (Abdomen-Difficult)
- Ped-ABD
- GYN (Gynecology)
- OB1
- OB2/3
- Fetal Cardiac
- Kidney
- Urology
- Prostate
- Carotid
- IMT (Intima-Media Thickness)
- Upper Ext Artery
- Lower Ext Artery
- Upper Ext Vein
- Lower Ext Vein
- Thyroid
- Breast
- Testicle
- MSK (Musculoskeletal)
- General Nerve
- Superficial
- Orthopedic
- Adult Cardiac
- CAR-Difficult
- TCI
- Ped-cardiac
- Neonatal Head
- Neonatal Cardiac
- Neonatal ABD
- EM ABD
- EM FAST
- EM OB
- EM Vascular
- EM Superficial
- CVC (Central Venous Catheterization)
- Vascular Access
- Superficial Nerve
- Deep Nerve
- Ped Epidural Block
- Sciatic Nerve
- Epidural Block

Imaging Mode

- B-Mode
 - Tissue Harmonic Imaging
 - Phase Shift Harmonic Imaging
- Slant scanning for linear probes (B, color/power, PW/CW independent)
- ExFOV Imaging for Convex Probe (trapezoid imaging for linear probe)
- M Mode
- Color M Mode (CM)
- Free Xros M Mode
- iScape™ (iScape View)
- Color
- Power
- 3D/4D (not applied in FDA region)
- PW (Pulse Wave Doppler)
- HPRF (High Pulse Repeat Frequency)
- CW (Continuous Wave Doppler)
- TDI (Tissue Doppler imaging)
 - TVI (Tissue Velocity Imaging)
 - TEI (Tissue Energy Imaging)
 - TVD (Tissue Velocity Doppler Imaging)
 - TVM (Tissue Doppler Velocity M Mode)
 - Natural Touch Elastography (not applied in FDA region)
- Display Mode:
 - Single window
 - B/C/D triplex mode
 - Dual live: B/C, B/TDI, B/Contrast
 - Adjustable time line display format (V1:1, V1:2, V2:1, Full)
 - Dual-split: B/C, B/TDI, B/M, B/PW, B/Free Xros M
 - Quad-split

Imaging Features

- iBeam™ (Spatial Compounding Imaging for Linear and Convex Probe)
- iScape™
- Multi-frequency probes for 2D imaging modes
- iClear™ (adaptive speckle suppression imaging for all probes)
- iTouch™ (B/PW): Auto Optimization
- TSI (Tissue Specific Imaging)
- iZoom™
- Spot Zoom and Pan Zoom

B Mode

- Display Depth
 - Minimum: 0.9 cm
 - Maximum: 38.8 cm
- Frame rate (Max.):
 - B mode: 400 fps (2P2P)
- Adjustable focus number: 4
- Adjustable focus positions (Max.): 16
- Magnification factor:
 - Spot Zoom: continuously adjustable
 - Pan Zoom: 80%-1000%
- iZoom: instant full screen view, two levels
- System dynamic range: 30~220, 5/step
- Gain: 0~100dB, 51steps
- TGC: 8
- Tint map: on/off, 1~25
- Gray map: 1~25
- FOV: on/ off, continuously adjustable
- ExFOV: on/ off (Trapezoid imaging for linear probe)
- Persistence: 0~7
- R/L, U/D Flip
- Line Density: L, M, H, UH
- iTouch Bright: -12~12dB, 9steps
- A.power: 7%~100%, 32steps
- TSI: General, Fat, Fluid, Muscle
- Steer: -6°, 0°, 6°, linear probe only
- HScale: on/ off
- Middle line: on/ off
- iClear: on/off, 1~4
- iBeam: on/off
- Gray Invert: on/ off
- Auto Merge: on/ off, linear probe, Dual display mode

M Mode

- Speed: 1~6
- Edge Enhance: 0~14
- M Soften: 0~14

Color Mode

- Frame rate (Max.): 405 fps (2P2P)
- PRF (kHz): 0.1 (75L38P)~ 14.8 (2P2P)
- Flow velocities (cm/s, probe dependent): 1.0 (2P2P)~ 262.9 (2P2P)
- Gain: 0~100, 2/step
- Baseline: -8~8
- Persistence: 0~4
- Smooth: 0~4

- ROI adjustment: continuously
- Color Map: V0~V10; VV0~ VV9
- Priority: 0%~100%, 11 levels
- WF: 0~7
- Line Density: L, M, H, UH
- Dual Live: on/ off
- Invert: on/ off
- B/C Align: on/ off
- Packet Size: 0~3

Power Mode

- Dynamic Range: 10~70, 5/step
- Power Map: P0~P3; dP0~dP3

PW/CW Mode

- PRF (kHz)
 - PW: 0.7 (75L38P)~ 24.0 (2P2P)
 - CW: 0.4 (2P2P)~ 160.0 (2P2P)
 - Flow velocities (cm/s, probe dependent):
 - PW: 4.7 (75L38P)~ 462 (2P2P)
 - CW: 7.7 (2P2P)~ 3080 (2P2P)
 - Gain: 0~100, 2/step
 - Baseline: -4~4
 - Audio volume: 0~100%, 2%/step
 - Angle: -89°~89°
 - Quick Angle: -60°~60°
 - SVD (CW focus depth): continuously
 - Speed: 1~6
 - iTouch (PW): on/off
 - SV:
 - 0.5~3 mm, 0.5 mm/step
 - 3~5 mm, 1 mm/step
 - 5~10 mm, 2.5 mm/step
 - 10~20 mm, 5 mm/step
 - Dynamic range: 24~72, 2/step
 - WF: 0~6
 - Duplex/Triplex: on/ off
 - HPRF: on/ off
 - T/F Res: 0~4
 - Auto Calc: on/ off
 - Auto Calc Cycle: 1~5
 - Auto Calc Param: setting auto spectrum calculation results
 - Trace Area: Above/ Below/ All
- Tissue Velocity/Energy Imaging (included in TDI option)*
- Available on phased array transducer
 - Dual live: side by side displays B and B+TVI

- Acoustic output power: 7%-100%
- Gain: 0-100, 2/step
- Dynamic range: 10-70, 5/step
- ROI size/position: adjustable
- Scale: 30 steps
- Baseline: -8~8, 17 steps (TVI only)
- Wall filter: 0-7, 8 steps
- Packet size: 0-3, 4 steps
- Smooth: 0-4, 5 steps
- B/C Align: on/off
- Priority: 0%-100%, 10%/step
- Map: TVI: TVV1-TVV10
TEI: P0-P3, dP0-dP3
- Invert: on/off (TVI only)
- Persistence: 0-4, 5 steps
- Line density: L/M/H/UH, 4 steps

Tissue Velocity Doppler (included in TDI option)

- Available on phased array transducer
- Display formats: V1:2,V2:1,V1:1,Full
- Duplex/Triplex: on/off
- Sample gate depth: adjustable
- Scale: 30 steps
- Baseline: -4~4, 9 steps
- Audio: 0%-100%, 2%/step
- Gain: 0-100, 2/step
- Dynamic range: 24-72, 2/step
- Speed: 1-6, 6 steps
- Wall filter: 0-6, 7 steps
- Invert: on/off
- Angle: -89°~89°, 1/step
- Quick angle: 0°, -60°, 60°
- Gray map: 1-25
- Tint map: Off; 1-25
- Time/frequency resolution: 0-4, 5 steps

Free Xros M Mode

- Tint map: Off; 1-25
- Gray map: 1-25
- Display format: V1:2,V2:1,V1:1

4D (option)

- Available on volume transducer
- Static 3D and 4D
- 4D frame rate: max. 31.1 vps
- Display formats: Single, Dual, Quad, A4:1
- Reset: Reset ALL, Reset curve, Reset orientation
- Quick Rotation: 0°, 90°, 180°, 270°
- Render type: Gray, Invert

- Accept VOI: on/off
- VOI: on/off
- Render: Surface, Max, Min, X-ray, iLive
- Direct: D/U, U/D, L/R, R/L, F/B, B/F (D: down, U: up, L: left, R: right, F: front, B: back)
- Threshold: 0%-100%, 1%/step
- Opacity: 0%-100%, 5 %/step
- Smooth: 0-20, 21 steps
- Bright: 0%-100%, 2%/step
- Contrast: 0%-100%, 2%/step
- Tint: off; 25 types
- Current window: VR, A, B, C
- MPR/VR: MPR, VR
- iClear: Off; On, 1-4 steps

iPage

- Slices number: 3-25
- Spacing: 0.1-20mm
- Ref. Plane: A, B, C
- Display format: 2x2, 3x3, 4x4, 5x5
- Adjust Slice
- Slice Position
- Reset Orientation

iLive

- Light Position: 6
- Render Modes: iLive

Edit

- Rotation control: X, Y, Z axis
- Tool: inside contour, outside contour; inside rect, outside rect
- Other operations: undo, undo all

Natural Touch Elastography Mode

- Opacity: 0-5 Single E: On/Off
- Map: E0-E5
- Smooth: 0-5
- Invert: On/Off

Display Annotations

- Manufacturer logo
- Hospital name: up to 64 characters can be displayed
- Exam date: 3 types selectable, YY/MM/DD, MM/DD/YY, DD/MM/YY
- Exam time: 2 formats
- Acoustic output indices: MI, TIC, TIS, TIB
- Freeze icon

- Gender
- Age
- ID: up to 64 characters can be displayed
- Other ID: up to 64 characters can be displayed
- Name: up to 64 characters can be displayed
- Probe model
- Current exam mode
- Accession#
- Operator: up to 64 characters can be displayed
- Menu
- Image
- Probe orientation mark
- Time line
- Coordinate axis, including depth, time, frequency
- TGC curve
- Focus
- Comment
- Body Mark
- Measure caliper
- Gray/color scale bar
- Thumbnail
- Help information
- Status icons
- Biopsy guideline
- Measure result window (up to 8 results can be displayed)
- Image parameters

Comments and Body Mark

Comment

Text comment

- Comment text for all exam modes
- Custom: add/delete/edit comment units in current menu.

Arrow

- Arrow size
- Arrow position
- Arrow orientation

Body Mark

Application package

- Body marks for all exam modes:
- Custom: import/delete body marks

Storage/ Connection

- 500G integrated hard disk
- External DVD-R/W (Optional)
- 4 USB ports
- Image archive on hard disk, DVD, Medsight, network storage (iStorage) or temporary saving in cine memory
- Clipboard
- Thumbnail
- Single-frame image formats: BMP, JPG, DCM, FRM (supports off-line analysis)
- Multi-frame images formats: AVI, DCM, CIN, (supports off-line analysis)
- Storage area:
 - › Image area: 640x480
 - › Standard area: 800x600
 - › Full-screen: 1024x768
- iVision: Demo player
- Cine review: Auto, Manual (auto review segment can be set), supports linked cine review for 2D, M/D images.
- Cine memory capacity (Max.)
 - › Clip length presettable: 1-60s
 - › B mode: 12394 frames
 - › M mode: 181.1 s
 - › PW/CW: 169.6 s
 - › Color: 9763 frames
- Max. frames in HDD
 - › 2.25M (JPG format)
 - › 2.83M (FRM format)
- iStorage
- DICOM:
 - › DICOM Basic
 - Task management
 - DICOM storage
 - DICOM print
 - DICOM storage commitment
 - DICOM media storage (including DICOM DIR)
 - › DICOM Worklist
 - › Query/ Retrieve
 - › Structured Report (SR)
 - › MPPS
- MedSight
 - › An interactive app that lets you transfer clinical images straight from Mindray Ultrasound system

to a smart device, such as mobile phone or tablet PC.

- Needs to be installed on mobile terminal
- Transfer images or clips from system to mobile terminal through WiFi
- Support Android powered system.

iStation™

Intelligent patient data management system

- Integrated search engine for patient data
- Detailed patient information view
- Intelligent data backup/ restore
- Patient data/ image sending
- Patient data deleting
- Exam managing: create new exam, activate exam and continue exam
- Recycle Bin
- Task manager

Measure/Calc/Study

Caliper

2D-mode

- Depth
- Distance
- Angle
- Area & Circumference (Trace/ Ellipse/ Spline/ Cross)
- Volume
- Cross
- Parallel
- Trace Length
- Ration (D)
- Ratio (A)
- B-Hist
- B-Profile
- Volume Flow
- Color Vel
- IMT
- Color Velocity Profile

M-mode

- HR
- Slope
- Distance

- Time
- Velocity

Doppler mode

- D Vel
- HR
- Time
- Acceleration
- D Trace
- PS/ED
- Volume Flow

Application

Abdomen

- 2D-mode Measure
 - Liver
 - Renal L (Renal Length)
 - Renal H (Renal Height)
 - Renal W (Renal Width)
 - Cortex (Renal Cortical Thickness)
 - Adrenal L (Adrenal Length)
 - Adrenal H (Adrenal Height)
 - Adrenal W (Adrenal Width)
 - CBD (Common bile duct)
 - Portal V Diam (Portal Vein Diameter)
 - CHD (Common hepatic duct)
 - GB L (Gallbladder Length)
 - GB H (Gallbladder Height)
 - GB wall th (Gallbladder wall thickness)
 - Panc duct (Pancreatic duct)
 - Panc head (Pancreatic head)
 - Panc body (Pancreatic body)
 - Panc tail (Pancreatic tail)
 - Spleen
 - Aorta Diam (Aorta Diameter)
 - Aorta Bif
 - Iliac Diam (Iliac Diameter)
 - Pre-BL L (Previous-Bladder Length)
 - Pre-BL H (Previous-Bladder Height)
 - Pre-BL W (Previous-Bladder Width)
 - Post-BL L (Posterior-Bladder Length)
 - Post-BL H (Posterior-Bladder Height)
 - Post-BL W (Posterior-Bladder Width)
 - Ureter
- 2D-mode Calculation
 - Renal Vol (Renal Volume)

- Pre-BL Vol (Previous-Bladder Volume)
- Post-BL Vol (Posterior-Bladder Volume)
- Mictur.Vol (Micturated Volume)
- 2D-mode study
 - Kidney
 - Adrenal
 - Bladder
- Doppler-mode Measure
 - Ren A Org (Renal Artery Origin)
 - Arcuate A (Arcuate Artery)
 - Segment A (Segmental Artery)
 - Interlobar A (Interlobar Artery)
 - Renal A (Renal Artery)
 - M Renal A (Main Renal Artery)
 - Renal V (Renal Vein)
 - Aorta
 - Celiac Axis
 - SMA (Superior Mesenteric Artery)
 - C Hepatic A (Common Hepatic Artery)
 - Hepatic A (Hepatic Artery)
 - Splenic A (Splenic Artery)
 - IVC (Inferior Vena Cava)
 - Portal V (Portal Vein)
 - M Portal V (M Portal Vein)
 - Lt Hepatic V (Left Hepatic Vein)
 - Rt Hepatic V (Right Hepatic Vein)
 - Hepatic V (Hepatic Vein)
 - M Hepatic V (Middle Hepatic Vein)
 - Splenic V (Splenic Vein)
 - SMV (Superior Mesenteric Vein)

Obstetrics

- 2D-mode Measure
 - GS (Gestational Sac Diameter)
 - YS (Yolk Sac)
 - CRL (Crown Rump Length)
 - NT (Nuchal Translucency)
 - BPD (Biparietal Diameter)
 - OFD (Occipital Frontal Diameter)
 - HC (Head Circumference)
 - AC (Abdominal Circumference)
 - FL (Femur Length)
 - TAD (Abdominal Transversal Diameter)
 - APAD (Anteroposterior Abdominal Diameter)
 - TCD (Cerebellum Diameter)

- Cist Magna (Cist Magna)
- LVW (Lateral Ventricle Width)
- HW (Hemisphere Width)
- OOD (Outer Orbital Diameter)
- IOD (Inter Orbital Diameter)
- HUM (Humerus Length)
- Ulna (Ulna Length)
- RAD (Radius Length)
- Tibia (Tibia Length)
- FIB (Fibula Length)
- CLAV (Clavicle Length)
- Vertebrae (Length of Vertebrae)
- MP (Middle Phalanx Length)
- Foot (Foot Length)
- Ear (Ear Length)
- APTD (Anteroposterior trunk diameter)
- TTD (Transverse trunk diameter)
- FTA (Fetal Trunk Cross-sectional Area)
- THD (Thoracic Diameter)
- HrtC (Heart Circumference)
- TC (Thoracic circumference)
- Umb VD (Umbilical Vein Diameter)
- F-kidney (Fetal kidney Length)
- Mat Kidney (Matrix Kidney Length)
- Cervix L (Cervical Length)
- AF (Amniotic Fluid)
- NF (Nuchal Fold)
- Orbit (Orbit)
- PL Thickness (Placental Thickness)
- Sac Diam1 (Gestational Sac Diameter 1)
- Sac Diam2 (Gestational Sac Diameter 2)
- Sac Diam3 (Gestational Sac Diameter 3)
- AF1 (Amniotic Fluid 1)
- AF2 (Amniotic Fluid 2)
- AF3 (Amniotic Fluid 3)
- AF4 (Amniotic Fluid 4)
- LVIDd (Left Ventricular Internal Diameter at End-diastole)
- LVIDs (Left Ventricular Internal Diameter at End-systole)
- LV Diam (Left Ventricular Diameter)
- LA Diam (Left Atrium Diameter)
- RVIDd (Right Ventricular Internal Diameter at End-diastole)
- RVIDs (Right Ventricular Internal Diameter at End-systole)

- RV Diam (Right Ventricular Diameter)
- RA Diam (Right Atrium Diameter)
- IVSd (Interventricular Septal Thickness at End-diastole)
- IVSs (Interventricular Septal Thickness at End-systole)
- IVS (Interventricular Septal Thickness)
- LV Area (Left Ventricular Area)
- LA Area (Left Atrium Area)
- RV Area (Right Ventricular Area)
- RA Area (Right Atrium Area)
- Ao Diam (Aorta Diameter)
- MPA Diam (Main Pulmonary Artery Diameter)
- LVOT Diam (Right Ventricular Outflow Tract Diameter)
- RVOT Diam (Right Ventricular Outflow Tract Diameter)
- HrtA (Heart area)
- Facial Angle
- MV Diam (Mitral Valve diameter)
- PV Diam (Pulmonary valve Diameter)
- Ao Asc Diam (Ascending Aorta Diameter)
- Ao Desc Diam (Descending Aorta Diameter)
- Duct Art Diam (Ductus Arteriosus Diameter)
- TV Diam (Tricuspid valve Diameter)
- LPA Diam (Left pulmonary Artery Diameter)
- RPA Diam (Right pulmonary Artery Diameter)
- IVC Diam (Inferior vena cava Diameter)
- 2D-mode Calculation
 - Mean Sac Diam (Mean Gestational Sac Diameter)
 - AFI
 - EFW (Estimated Fetal Weight)
 - EFW2 (Estimated Fetal Weight 2)
 - HC/AC
 - FL/AC
 - FL/BPD
 - AXT
 - CI
 - FL/HC
 - HC(c)
 - HrtC/TC
 - TCD/AC
 - LVW/HW
 - LVD/RVD
 - LAD/RAD
- AoD/MPAD
- LAD/AoD
- 2D-mode Study
 - AFI
- M-mode Measure
 - FHR (Fetal Heart Rate)
 - LVIDd (Left ventricular diameter at end diastole)
 - LVIDs (Left ventricular diameter at end systole)
 - RVIDd (Right ventricular diameter at end diastole)
 - RVIDs (Right ventricular diameter at end systole)
 - IVSd (interventricular septal thickness at end diastole)
 - IVSs (interventricular septal thickness at end systole)
- Doppler-mode Measure
 - Umb A (Umbilical Artery)
 - Duct Venos (Ductus Venos)
 - Placenta A (Placenta Artery)
 - MCA (Middle Cerebral Artery)
 - Fetal Ao (Fetal Aorta)
 - Desc Aorta (Descending Aorta)
 - Ut A (Uterine Artery)
 - Ovarian A (Ovarian Artery)
 - FHR (Fetal Heart Rate)

Available Obstetrics Formulae

- GA (gestational age) and FG (fetal growth) Formulae

Items	GA	FG
EFW:	2	6
EFW2:	2	6
GS:	4	4
CRL:	10	6
BPD:	12	12
HC:	7	7
AC:	8	9
FL:	12	10
OFD:	3	4
APAD:	/	1
TAD:	/	1
FTA:	1	1
THD:	1	1
HUM:	2	2
Ulna:	/	1
Tibia:	/	1

RAD:	/	2
FIB:	/	2
CLAV:	1	1
TCD:	2	3
OOD:	1	/
Cist Magna:	/	1
Mean Sac Diam:	1	/
AFI:	/	1
Umb A RI:	/	JUM
Umb A PI:	/	JSUM
MCA RI:	/	JSUM
MCA PI:	/	JSUM

- Fetal Weight Formulae: 11

Cardiology

- 2D-mode Measure

- LA Diam (Left Atrium Diameter)
- LA Major (Left Atrium major Diameter)
- LA Minor (Left Atrium minor Diameter)
- RA Major (Right Atrium major Diameter)
- RA Minor (Right Atrium minor Diameter)
- LV Major (Left Ventricular major Diameter)
- LV Minor (Left Ventricular minor Diameter)
- RV Major (Right Ventricular major Diameter)
- RV Minor (Right Ventricular minor Diameter)
- LA Area (Left Atrium area)
- RA Area (Right Atrium area)
- LV Area(d) (Left Ventricular area at end-diastole)
- LV Area(s) (Left Ventricular area at end-systole)
- RV Area(d) (Right Ventricular area at end-diastole)
- RV Area(s) (Right Ventricular area at end-systole)
- LVIDd (Left Ventricular Internal Diameter at end-diastole)
- LVIDs (Left Ventricular Internal Diameter at end-systole)
- RVDd (Right Ventricular Diameter at end-diastole)
- RVDs (Right Ventricular Diameter at end-systole)
- LVPWd (Left Ventricular Posterior wall thickness at end-diastole)
- LVPWs (Left Ventricular Posterior wall thickness at end-systole)
- RVAWd (Right Ventricular Anterior wall thickness at end-diastole)
- RVAWs (Right Ventricular Anterior wall thickness at end-systole)
- IVSd (Interventricular Septal thickness at end-diastole)
- IVSs (Interventricular Septal thickness at end-systole)
- Ao Diam (Aorta Diameter)
- Ao Arch Diam (Aorta arch Diameter)
- Ao Asc Diam (Ascending Aorta Diameter)
- Ao Desc Diam (Descending Aorta Diameter)
- Ao Isthmus (Aorta Isthmus Diameter)
- Ao st junct (Aorta ST junct Diameter)
- Ao Sinus Diam (Aorta Sinus Diameter)
- Duct Art Diam (Ductus Arteriosus Diameter)
- Pre Ductal (Previous ductal Diameter)
- Post Ductal (Posterior ductal Diameter)
- ACS (Aortic Valve Cusp Separation)
- LVOT Diam (Left Ventricular Outflow Tract Diameter)
- AV Diam (Aorta Valve Diameter)
- AVA (Aortic Valve Area)
- PV Diam (Pulmonary valve Diameter)
- LPA Diam (Left pulmonary Artery Diameter)
- RPA Diam (Right pulmonary Artery Diameter)
- MPA Diam (Main pulmonary Artery Diameter)
- RVOT Diam (Right Ventricular Outflow Tract Diameter)
- MV Diam (Mitral Valve diameter)
- MVA (Mitral Valve area)
- MCS (Mitral Valve Cusp Separation)
- EPSS (Distance between point E and Interventricular Septum when mitral valve is fully open)
- TV Diam (Tricuspid valve Diameter)
- TVA (Tricuspid Valve Area)
- IVC Diam(Insp) (Inferior vena cava inspiration Diameter)
- IVC Diam(Expir) (Inferior vena cava expiration Diameter)
- SVC Diam(Insp) (Superior vena cava inspiration Diameter)
- SVC Diam(Expir) (Superior vena cava expiration Diameter)
- LCA (Left Coronary Artery)
- RCA (Right Coronary Artery)
- VSD Diam (Ventricular Septal defect Diameter)
- ASD Diam (Atrial Septal defect Diameter)

- PDA Diam (Patent ductus Arteriosus Diameter)
- PFO Diam (Patent Oval Foramen Diameter)
- PEd (Pericardial Effusion at diastole)
- PEs (Pericardial Effusion at systole)
- HR (Heart Rate)
- Diastole
- Systole
- 2D-mode Calculation
 - LA/Ao (Left Atrium Diameter/Aorta Diameter)
 - Ao/LA (Aorta Diameter/Left Atrium Diameter)
- M-mode Measure
 - LA Diam (Left Atrium Diameter)
 - LVIDd (Left Ventricular Internal Diameter at end-diastole)
 - LVIDs (Left Ventricular Internal Diameter at end-systole)
 - RVDd (Right Ventricular Diameter at end-diastole)
 - RVDs (Right Ventricular Diameter at end-systole)
 - LVPWd (Left Ventricular Posterior wall thickness at end-diastole)
 - LVPWs (Left Ventricular Posterior wall thickness at end-systole)
 - RVAWd (Right Ventricular Anterior wall thickness at end-diastole)
 - RVAWs (Right Ventricular Anterior wall thickness at end-systole)
 - IVSd (Interventricular Septal thickness at end-diastole)
 - IVSs (Interventricular Septal thickness at end-systole)
 - Ao Diam (Aorta Diameter)
 - Ao Arch Diam (Aorta arch Diameter)
 - Ao Asc Diam (Ascending Aorta Diameter)
 - Ao Desc Diam (Descending Aorta Diameter)
 - Ao Isthmus (Aorta Isthmus Diameter)
 - Ao st junct (Aorta ST junct Diameter)
 - Ao Sinus Diam (Aorta Sinus Diameter)
 - LVOT Diam (Left Ventricular outflow tract Diameter)
 - ACS (Aortic valve Cusp Separation)
 - LPA Diam (Left pulmonary Artery Diameter)
 - RPA Diam (Right pulmonary Artery Diameter)
 - MPA Diam (Main pulmonary Artery Diameter)
 - RVOT Diam (Right Ventricular outflow tract Diameter)
- MV E Amp (Amplitude of the Mitral Valve E wave)
- MV A Amp (Amplitude of the Mitral Valve A wave)
- MV E-F Slope (Mitral Valve E-F slope)
- MV D-E Slope (Mitral Valve D-E slope)
- MV DE (Amplitude of the Mitral Valve DE wave)
- MCS (Mitral Valve Cusp Separation)
- EPSS (Distance between point E and the interventricular septum)
- PEd (Pericardial effusion at diastole)
- PEs (Pericardial effusion at systole)
- LVPEP (Left Ventricular pre-ejection period)
- LVET (Left Ventricular ejection time)
- RVPEP (Right Ventricular pre-ejection period)
- RVET (Right Ventricular ejection time)
- HR (Heart Rate)
- Diastole
- Systole
- M-mode Calculation
 - LA/Ao (Left Atrium diameter/Aorta diameter)
 - Ao/LA (Aorta Diameter/Left Atrium Diameter)
- Doppler Measure
 - MV Vmax (Mitral Valve Maximum Velocity)
 - MV E Vel (Mitral Valve E-wave Velocity)
 - MV A Vel (Mitral Valve A-wave Velocity)
 - MV E VTI (Mitral Valve E-wave Velocity-Time Integral)
 - MV A VTI (Mitral Valve A-wave Velocity-Time Integral)
 - MV VTI (Mitral Valve Velocity-Time Integral)
 - MV AccT (Mitral Valve Acceleration Time)
 - MV DecT (Mitral Valve Deceleration Time)
 - IVRT (isovelocity Relaxation Time)
 - IVCT (isovelocity Compression Time)
 - MV E Dur (Mitral Valve E-wave Duration)
 - MV A Dur (Mitral Valve A-wave Duration)
 - LVOT Vmax (Left Ventricular Outflow Tract Velocity)
 - LVOT VTI (Left Ventricular Outflow Tract Velocity-Time Integral)
 - LVOT AccT (Left Ventricular Outflow Tract Acceleration Time)
 - AAO Vmax (Ascending Aorta Maximum Velocity)
 - DAAo Vmax (Descending Aorta Maximum Velocity)
 - AV Vmax (Aorta Valve Maximum Velocity)
 - AV VTI (Aorta Valve Velocity-Time Integral)

- LVPEP (Left Ventricular Pre-ejection Period)
- LVET (Left Ventricular Ejection Time)
- AV AccT (Aorta Valve Acceleration Time)
- AV DecT (Aorta Valve Deceleration Time)
- RVET (Right Ventricular Ejection Time)
- RVPEP (Right Ventricular Pre-ejection Period)
- TV Vmax (Tricuspid Valve Maximum Velocity)
- TV E Vel (Tricuspid Valve E-wave Flow Velocity)
- TV A Vel (Tricuspid Valve A-wave Flow Velocity)
- TV VTI (Tricuspid Valve Velocity-Time Integral)
- TV AccT (Tricuspid Valve Acceleration Time)
- TV DecT (Tricuspid Valve Deceleration Time)
- TV A Dur (Tricuspid Valve A-wave Duration)
- RVOT Vmax (Right Ventricular Outflow Tract Maximum Velocity)
- RVOT VTI (Right Ventricular Outflow Tract Velocity-Time Integral)
- PV Vmax (Pulmonary Valve Maximum Velocity)
- PV VTI (Pulmonary Valve Velocity-Time Integral)
- PV AccT (Pulmonary Valve Acceleration Time)
- MPA Vmax (Main Pulmonary Artery Maximum Velocity)
- RPA Vmax (Right Pulmonary Artery Maximum Velocity)
- LPA Vmax (Left Pulmonary Artery Maximum Velocity)
- PVein S Vel (Pulmonary Vein S-wave Flow Velocity)
- PVein D Vel (Pulmonary Vein D-wave Flow Velocity)
- PVein A Vel (Pulmonary Vein A-wave Flow Velocity)
- PVein A Dur (Pulmonary Vein A-wave Duration)
- PVein S VTI (Pulmonary Vein S-wave Velocity-time Integral)
- PVein D VTI (Pulmonary Vein D-wave Velocity-time Integral)
- PVein DecT (Pulmonary Vein Deceleration Time)
- IVC Vel (Insp) (Inferior Vena Cava Inspiration Maximum Velocity)
- IVC Vel (Expir) (Inferior Vena Cava Expiration Maximum Velocity)
- SVC Vel (Insp) (Superior Vena Cava Inspiration Maximum Velocity)
- SVC Vel (Expir) (Superior Vena Cava Expiration Maximum Velocity)
- MR Vmax (Mitral Valve Regurgitation Maximum Velocity)
- MR VTI (Mitral Valve Regurgitation Velocity-Time Integral)
- MS Vmax (Mitral Valve Stenosis Maximum Velocity)
- dP/dt (Rate of Pressure Change)
- AR Vmax (Aortic Valve Regurgitation Maximum Velocity)
- AR VTI (Aortic Valve Regurgitation Velocity-Time Integral)
- AR DecT (Aortic Valve Regurgitation Deceleration Time)
- AR PHT (Aortic Valve Regurgitation Pressure Half Time)
- AR Ved (Aortic Valve Regurgitation Velocity) at end-Diastole)
- TR Vmax (Tricuspid Valve Regurgitation Maximum Velocity)
- TR VTI (Tricuspid Valve Regurgitation Velocity-Time Integral)
- PR Vmax (Pulmonary Valve Regurgitation Maximum Velocity)
- PR VTI (Pulmonary Valve Regurgitation Velocity-Time Integral)
- PR PHT (Pulmonary Valve Regurgitation Pressure Half Time)
- PR Ved (Pulmonary Valve Regurgitation Velocity) at end-Diastole)
- VSD Vmax (Ventricular Septal Defect Maximum Velocity)
- ASD Vmax (Atrial Septal Defect Maximum Velocity)
- PDA Vel (d) (Patent Ductus Arteriosus Velocity at End-diastole)
- PDA Vel (s) (Patent Ductus Arteriosus Velocity at End-systole)
- Coarc Pre-Duct (Coarctation of Pre-Ductus)
- Coarc Post-Duct (Coarctation of Post-Ductus)
- HR (Heart Rate)
- RAP (Right Atrium Pressure)
- Doppler-mode Calculation
 - MV E/A (MV E Vel (cm/s) / MV A Vel (cm/s))
 - MVA(PHT) (MVA(PHT) (cm²) = 220 / MV PHT (ms)Mitral Valve Orifice Area (PHT))

- TV E/A (Tricuspid Valve E-Vel/A-Vel)
- TVA(PHT) (Tricuspid Valve Orifice Area (PHT))
- TDI Measure
 - Ea(medial) (Mitral Valve medial Early diastolic motion)
 - Aa(medial) (Mitral Valve medial Late diastolic motion)
 - Sa(medial) (Mitral Valve medial Systolic motion)
 - ARa(medial) (Mitral Valve medial Acceleration Rate)
 - DRa(medial) (Mitral Valve medial Deceleration Rate)
 - Ea(lateral) (Mitral Valve lateral Early diastolic motion)
 - Aa(lateral) (Mitral Valve lateral Late diastolic motion)
 - Sa(lateral) (Mitral Valve lateral Systolic motion)
 - ARa(lateral) (Mitral Valve lateral Acceleration Rate)
 - DRa(lateral) (Mitral Valve lateral Deceleration Rate)
- Cardiac Study Items
 - 2D-mode:
 - S-P Ellipse
 - B-P Ellipse
 - Bullet
 - Mod.Simpson
 - Simpson SP (A2C)
 - Simpson SP (A4C)
 - Simpson BP
 - Cube
 - Teichholz
 - Gibson
 - LA Vol(A-L)
 - LA Vol (Simp)
 - RA Vol (Simp)
 - LV Mass (Cube)
 - LV Mass (A-L)
 - LV Mass (T-E)
 - Qp/Qs
 - PISA MR
 - PISA AR
 - PISA TR
 - PISA PR
 - M-mode:

- LVIMP
- Cube
- Teichholz
- Gibson
- LV Mass (Cube)
- Doppler-mode:
 - MVA(VTI)
 - AVA(VTI)
 - LVIMP
 - RVSP
 - PAEDP
 - RVIMP
 - Qp/Qs
 - PISA MR
 - PISA AR
 - PISA TR
 - PISA PR

Vascular

- 2D-mode Measure
 - CCA IMT (Common Carotid Artery IMT)
 - Bulb IMT (Bulbillate IMT)
 - ICA IMT (Internal Carotid Artery IMT)
 - ECA IMT (External Carotid Artery IMT)
- 2D-mode Calculation
 - Stenosis D (Stenosis Diameter)
 - Stenosis A (Stenosis Area)
- 2D-mode Study
 - Stenosis
 - IMT (Intima-Media Thickness)
- Doppler-mode Measure
 - CCA (Common Carotid Artery)
 - Bulb (Bulbillate)
 - ICA (Internal Carotid Artery)
 - ECA (External Carotid Artery)
 - Vert A (Vertebral Artery)
 - Innom A (Innominate Artery)
 - Subclav V (Subclavian Vein)
 - Axill A (Axillary Artery)
 - Brachial A (Brachial Artery)
 - Ulnar A (Ulnar Artery)
 - Radial A (Radial Artery)
 - Subclav A (Subclavian Artery)
 - Axill V (Axillary Vein)
 - Cephalic V (Cephalic Vein)

- Basilic V (Basilic Vein)
- Ulnar V (Ulnar Vein)
- Radial V (Radial Vein)
- C.Iliac A (Common Iliac Artery)
- Ex.Iliac A (External Iliac Artery)
- CFA (Common Femoral Artery)
- SFA (Superficial Femoral Artery)
- Pop A (Popliteal Artery)
- TP Trunk A (Tibial Peroneal Trunk Artery)
- Peroneal A (Peroneal Artery)
- P.Tib A (Posterior Tibial Artery)
- A.Tib A (Anterior Tibial Artery)
- Dors.Ped A (Dorsalis Pedis Artery)
- C.Iliac V (Common Iliac Vein)
- Ex.Iliac V (External Iliac Vein)
- Femoral V (Femoral Vein)
- Saph V (Great Saphenous Vein)
- Pop V (Popliteal Vein)
- TP Trunk V (Tibial Peroneal Trunk Vein)
- Sural V (Sural Vein)
- Soleal V (Soleal Vein)
- Peroneal V (Peroneal Vein)
- P.Tib V (Posterior Tibial Vein)
- A.Tib V (Anterior Tibial Vein)
- ACA (Anterior Cerebral Artery)
- MCA (Middle Cerebral Artery)
- PCA (Posterior Cerebral Artery)
- AComA (Ant.communicating br.)
- PComA (Post.communicating br.)
- BA (Basilar Artery)
- IIA (Internal Iliac Artery)
- PFA (Deep Femoral Artery)
- Ba V (Basilar Vein)
- Brachial V (Brachial Vein)
- IIV (Internal Iliac Vein)
- CFV (Common Femoral Vein)
- SFV (Superficial Femoral Vein)
- PFV (Deep Femoral Vein)
- SSV (Small Saphenous Vein)
- ASP (Ankle Systolic Pressure)
- BSP (Brachial Systolic Pressure)
- Doppler-mode Calculation
 - ICA/CCA
- Doppler-mode Study
 - ABI (Ankle Brachial Index)

Gynecology

- 2D-mode Measure
 - UT L
 - UT H
 - UT W
 - Cervix L
 - Cervix H
 - Cervix W
 - Endo
 - Ovary L
 - Ovary H
 - Ovary W
 - Follicle1-16 L
 - Follicle1-16 W
 - Follicle1-16 H
- 2D-mode Calculation
 - Ovary Vol
 - UT Vol
 - Uterus Body
 - UT-L/ CX-L
 - Follicle 1~16
- 2D-mode Study
 - Uterus (Length, height and width of uterus, endometrium thickness)
 - Uterine Cervix (Length, height and width of uterine cervix)
 - Ovary (Length, height and width of ovary)
 - Follicle 1-16 (Length and width of follicle 1-16)

Urology

- 2D-mode Measure
 - Renal L
 - Renal H
 - Renal W
 - Cortex
 - Adrenal L
 - Adrenal H
 - Adrenal W
 - Prostate L
 - Prostate H
 - Prostate W
 - Seminal L
 - Seminal H
 - Seminal W
 - Testis L
 - Testis H

- Testis W
- Ureter
- Pre-BL L
- Pre-BL H
- Pre-BL W
- Post-BL L
- Post-BL H
- Post-BL W
- Prostate Mass1 d1~d3
- Prostate Mass2 d1~d3
- Prostate Mass3 d1~d3
- Testis Mass1 d1~d3
- Testis Mass2 d1~d3
- Testis Mass3 d1~d3
- 2D-mode Calculation
 - Renal Vol
 - Prostate Vol
 - Testis Vol
 - Pre-BL Vol
 - Post-BL Vol
 - Mictur.Vol
- 2D-mode Study
 - Kidney
 - Adrenal
 - Prostate
 - Seminal Vesicle
 - Testis
 - Bladder
 - Prostate Mass1~3
 - Testis Mass1~3

Small Parts

- 2D-mode Measure
 - Thyroid L
 - Thyroid H
 - Thyroid W
 - Isthmus H
 - Testis L (Testicular Length)
 - Testis H (Testicular Height)
 - Testis W (Testicular Width)
 - Breast Mass1 d1-d3
 - Breast Mass2 d1-d3
 - Breast Mass3 d1-d3
 - Thyroid Mass1 d1-d3
 - Thyroid Mass2 d1-d3
 - Thyroid Mass3 d1-d3

- 2D-mode Calculation
 - Thyroid Vol
- 2D-mode Study
 - Thyroid
 - Testis
 - Breast Mass1-3
 - Thyroid Mass1-3
- Doppler-mode Measure
 - STA
 - ITA

Orthopedics

- 2D-mode Measure
 - HIP
 - HIP-Graf
 - d/D

Emergency

- 2D-mode Measure
 - Renal L (Renal Length)
 - Renal H (Renal Height)
 - Renal W (Renal Width)
 - CBD (Common bile duct)
 - Portal V Diam (Portal Vein Diameter)
 - CHD (Common hepatic duct)
 - GB wall tha (Gallbladder wall thickness)
 - Aorta Diam (Aorta Diameter)
 - Aorta Bif
 - Ureter
 - Pre-BL L (Pre-Animal Bladder Length)
 - Pre-BL H (Pre-Animal Bladder Height)
 - Pre-BL W (Pre-void Bladder Width)
 - Post-BL L (Post-void Bladder Length)
 - Post-BL H (Post-void Bladder Height)
 - Post-BL W (Post-void Bladder Width)
 - GS (Gestational Sac Diameter)
 - YS (Yolk Sac)
 - BPD (Biparietal Diameter)
 - CRL (Crown Rump Length)
 - UT L (Uterine Length)
 - UT H (Uterine Height)
 - UT W (Uterine Width)
 - Endo (Endometrium Thickness)
 - Ovary L (Ovary Length)
 - Ovary H (Ovary Height)

- Ovary W (Ovary Width)
- 2D-mode Calculation
 - Renal Vol (Renal Volume)
 - Pre-BL Vol (Pre-void Bladder Volume)
 - Post-BL Vol (Post-void Bladder Volume)
 - Mictur.Vol (Micturated Volume)
 - Ovary Vol (Ovary Volume)
 - UT Vol (UT Volume)
 - Uterus Body
- 2D-mode Study
 - Uterus
 - Ovary
 - Kidney
 - Bladder
- M/Doppler-mode Measure
 - FHR (Fetal Heart Rate)

- EN 60601-2-37 and IEC60601-2-37
- EN ISO 14971 and ISO 14971
- EN ISO10993-1 and ISO10993-1
- EN 62366 and IEC 62366
- EN 62304 and IEC 62304
- EN ISO 17664
- EN 1041
- EN 980
- IEC 60878

CE Declaration

Z6/Z6T/Z6S/Z6W/Z6 Pro/Z6 Expert system is fully in conformance with the Council Directive 93/42/EEC Concerning Medical Devices, as amended by 2007/47/EC. The number adjacent to the CE marking (0123) is the number of the EU-notified body that certified meeting the requirements of the Directive.

Diagnostic Report

- View/add images
- Data edit
- Print
- Save/ load comment
- export (to PDF/RTF file)
- View history report
- Obstetric analysis
- Fetal growth curve

Not all features or specifications described in this document may be available in all probes and/or modes.

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The contents of this manual are subject to change without prior notice and without our legal obligation.

Safety & Conformance

Quality Standards

- ISO 9001:2008
- ISO 13485:2003

Design Standards

- EN 60601-1 and IEC 60601-1
- EN 60601-1-2 and IEC 60601-1-2

Note: the contents in this datasheet are applied to Version 4.0 of system software for Z6/Z6T/Z6S/Z6W/Z6 Pro/Z6 Expert diagnostic ultrasound system.