


REV	ECN	Revision History	Date	Editor
A04	D00021277	Modify some minor mistakes	2015-07-14	Chen Ying
A03		Software updates to V2090	2015-05-05	Lei Wanyi
A02	D00009896	Add image rotation function in B mode, add report format in the System settings, add clear ROI and etc. in the 3D mode.	2012-05-25	Zhai Xiaorong
A01	D00001860	First release	2011-10-19	Zhai Xiaorong

Title	S6 Technical Specifications
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Specifications for S6 Portable Digital Color Doppler Ultrasound System



SonoScape

THE PIONEER OF COLOR DOPPLER ULTRASOUND IN CHINA

Product Overview

S6 portable digital color Doppler ultrasound system adopts the advanced ultrasonic Doppler technologies, including the Full Digital Super-wide Band Beam Former, Digital Dynamic Focusing, Variable Aperture and Dynamic Tracing, Wide Band Dynamic Range, Multi-beam Process, etc. The ultrasound diagnostic software in ergonomic design can be customized and easily performed by users.

Based on the computer technology and Linux operating system, this ultrasound system is reliable and stable. System maintenance and upgrade can be completed by updating software to achieve product improvements and advanced technology.

Advanced Technologies

- New generation digital front-end technology
- Multi-beam processing technology
- Spatial compound imaging
- μScan image processing technology
- Tissue Harmonic Imaging
- High Pulse Repetition Frequency
- Panoramic imaging
- Graphic diagnosis icon

Standard Configurations

- Color Mode
- PW Mode

- CW Mode
- THI Mode
- 3D Mode
- Cardiac Measurement Package
- OB Measurement Package
- GYN Measurement Package
- Urology Measurement Package
- Vascular Measurement Package
- TEE Probe
- Phased Array Probe
- ECG Module
- Steer M support
- HPRF support
- μScan function
- Color M Support
- Small Part Measurement Package
- Compound Imaging
- Trapezoidal imaging
- Tissue Acoustic Characteristics Index
- TEI Index
- PW Auto Trace
- Triplex Mode
- Orthopedic Measurement Package
- DPI Mode
- Directional DPI Mode
- B mode: Five variable frequencies
- Image Rotate
- DICOM Transmission
- DICOM Worklist
- MPPS

- DICOM Storage Commitment

Optional Functions

- TDI Support
- Dual-beam
- Panoramic Imaging
- IMT Measurement
- Color Flow Measurement

Optional Accessories

- Biopsy bracket
- Color ink-jet printer
- B/W video printer
- Probe cable hanger
- Foot switch

Probe Scan Ranges

- Curved array probe: $\geq 70^\circ$
- Phased array probe: $\geq 90^\circ$
- Micro-curved array probe: $\geq 193^\circ$

Scan Methods

- Electronic curved sector scan
- Electronic linear array scan
- Electronic phased array sector scan
- Mechanical sector scan (convex probe)

Applications

- Abdomen
- Vascular

- Cardiology
- Obstetrics
- Gynecology
- Urology
- Musculoskeletal
- Interventional ultrasound
- Small Parts (thyroid and breast)
- Anesthesiology
- Pediatrics

Operating Modes

- B Mode
- M Mode
- THI Mode
- Color Mode
- DPI Mode
- TDI Mode
- PW Mode
- CW Mode
- 3D Imaging
- Color M Mode
- Steer M Mode
- Panoramic imaging
- Trapezoidal imaging

Display Formats

- B+B
- 4B
- B+PW
- B+CW

- B+M
- B+Color
- B+Color+PW
- B+Color+CW
- B+Color+M
- B+TDI
- B+TDI+PW
- B+TDI+M

System Settings Menu

- File Manager
 - Load/unload USB
 - USB ON/OFF
 - Select one or more file folders
 - Copy, Paste, Delete
 - Convert PC
 - Report Only
 - Image Only
 - Search
 - Select All
 - Send DICOM
 - DICOM COMMIT
 - DICOM Print
- Facility Name
- Set Time/Date
- System Information
 - Control Number
 - Software Version
- System Setting
 - General Setting

- ◆ Language
 - English, Simple Chinese
 - Spanish, Russian
 - French, Italian
 - German, Turkish, Portuguese
- ◆ Screen Saver: On, Off
- ◆ Trackball Sensitivity: 1, 2, 3, 4, 5, 6
- ◆ Clip Format
 - System Format, WMV, AVI
- ◆ Date Format
 - mm/dd/yyyy
 - yyyy/mm/dd
 - dd/mm/yyyy
- ◆ Caps Lock: On/Off
- ◆ Print Size: 1 to 6
- ◆ Save w/DCM: OFF/BOTH
- ◆ Still Format
 - System Format , JPG,TIF,BMP
- ◆ Screen Save: 1 to 60 minutes
- ◆ Color of ROI
 - Green, Yellow, Orange, Cyan
- ◆ Display Format
 - H1/2, H1/4, V1/3, V1/2, V2/3, O1/4
- ◆ One key Save: ON, OFF
- ◆ EFW Unit: kg,g; lb,oz
- ◆ Print to DICOM: ON, OFF
- ◆ Report Format: PDF, TEXT
- ◆ Measure on screen: ALWAYS ON,
CLEAR
- ◆ Horizontal Scale: ON, OFF

- ◆ Cine Frame Limit: 100, 150, ...,450, 500, UNLIMITED
- ◆ Annot On Screen: ALWAYS ON, CLEAR
- ◆ BodyMark On Screen: ALWAYS ON, CLEAR
- Set Printer
 - ◆ Printer Driver
 - ◆ Video Invert
 - ◆ Insert Driver
- Set Calculation Menu
 - ◆ 2D Mode
 - Angle
 - Volume
 - Volume LxWxH
 - Doppler Area
 - Color Flow
 - IMT
 - Vascular
 - Small Part
 - Orthopaedic
 - Obstetrical/ Gynecological
 - Left Ventricle
 - Urologic
 - Vascular Health Eval
 - Vascular Eval (CF)
 - Mitral Valve Diam
 - Lv Outflow Diam
 - Pul.Valve Diam
 - Aortic Valve Diam
 - ◆ PW Mode
 - Flow Velocity
 - Acceleration
 - Time
 - Heart Rate
 - Cardiac
 - Obstetrical/ Gynecological
 - Vascular
 - Vascular Eval (PW)
- ◆ M Mode
 - Distance
 - Time
 - Slope
 - Heart Rate
 - Left Ventricle
 - Mitral Valve
 - Aortic Valve
- Set Measurement Method
 - ◆ BSA setting
 - Eastern
 - Western
 - ◆ Measure Method
 - Ellipse
 - Trace
 - ◆ Package
 - All Package
 - Icon Driven
 - ◆ Continue Dist: on/off
 - ◆ Dop Auto
 - AUTO
 - SEMI-AUTO

- ◆ Focal Auto: on/off
- ◆ EFW Method
 - WEI/SAB HC,AC,FL
 - Shepard AC,BPD
 - Hadlock1 AC,FL
 - Hansman AC,FL,HC
 - Tokyo BPD,APTD,TTD,FL
 - Hadlock2 HC,AC,FL
 - Hadlock3 BPD,AC,FL
 - Hadlock4 HC,AC
 - Hadlock5 BPD,HC,AC,FL
 - Shinozuka BPD,AC,FL
 - Campbell AC
 - Mediscan FL,AC
 - Mediscan BPD,AC
- ◆ BPD Method
 - Hadlock
 - Jeanty
 - Crespigeny
 - Kurtz
 - Hansmann
 - Sabbagha
 - Campbell
 - Tokyo
 - Merz
 - Osaka
- ◆ FL Method
 - Hadlock
 - Hohler
 - Jeanty
- Hansmann
- Tokyo
- Merz
- Chitty
- Osaka
- Campbell
- ◆ CRL Method
 - Robinson
 - Hadlock
 - Nelson
 - Jeanty
 - Hansmann
 - Mediscan
 - Tokyo
 - Osaka
- ◆ AC Method
 - Hadlock
 - Hansmann
 - Tokyo
 - Merz
 - Campbell
- ◆ TAD Method
 - Hansmann
- ◆ OFD Method
 - Hansmann
- ◆ HC Method
 - Hadlock
 - Jeanty
 - Chitty (M)
 - Chitty (D)

- Merz
- Campbell
- ◆ GS Method
 - Nyberg
 - Hansmann
 - Hellman
 - Tokyo
 - China
- ◆ Fibula Method
 - Merz
- ◆ Radius Method
 - Merz
 - Mediscan
- ◆ Humerus Method
 - Jeanty
 - Merz
 - Osaka
- ◆ Ulna Method
 - Jeanty
 - Merz
 - Mediscan
- ◆ Tibia Method
 - Jeanty
 - Merz
- ◆ AUA Result by
 - Average
 - Last
- ◆ Follicle Method
 - Two distances
 - Three distances

- Annotation Edit
 - ◆ Insert
 - ◆ Delete
 - ◆ Edit
 - ◆ Save
- Define shortcut keys (0-9)
 - ◆ Define shortcut key for obstetrics and cardiology measurements.
- Load Default
 - ◆ Load
 - ◆ Create
 - ◆ Retrieve
 - Copy user setting to USB
 - Copy user preset to USB
 - Load USB user setting to system
 - Load USB user preset to system
- DICOM Setting
 - ◆ Local network and printer
 - ◆ Storage
 - ◆ Worklist
 - ◆ Print
 - ◆ MPPS
 - ◆ Commit

System Parameters

- Frame Rate: ≥750 fps
- Grayscale Level: 256
- Probe Elements: 192

B-Mode

- Gain:1-255 adjustable
- Depth: 32.9 cm
- Zoom function, show zoom X value
- TGC(Time Gain Control): 8 slide controls
- Left and Right Inversion
- Up and Down Inversion
- Panoramic Imaging: achievable
- Compound Image: ON/OFF
- Focus: Up to 12, focus span adjustable
- Frequency : 5 bands
- Chroma: 13 types selectable
- Adapt. IM Fusion: 16 kinds
- μ Scan function
- Line Density: 3 levels (high/med/low)
- Persistence: 0-95
- Biopsy Guide: On/Off
Biopsy Offset adjustable
Biopsy Angle adjustable
- Dynamic Range: 20-280 (probe dependent)
- GSC(gray scale curve): 7 steps selectable
- SEC.WIDTH/SEC.POS: adjustable
- Power: 1-100, 1 step each
- Tissue Acoustic Characteristics: 1400-1700
- Trapezoidal Imaging: ON/OFF (linear probe)
- B Steer Mode (linear probe)
- Image Rotation
- m-Tuning function

Color Flow Mode/TDI Mode

- Gain: 0-255

- Frame Rate: ≥ 50 fps
- Color ROI Size and Position: adjustable
- Auto focus while color ROI moves (focus number is 1)
- Left and right, up and down inversion
- Flow Invert: ON/OFF
- Frequency: 5 bands
- Filter: 25-750, adjustable
- Pulse Repetition Frequency: 0.5-12KHz (probe dependent)
- Line Density: 2 kinds (low and high)
- Color Map: 4 kinds
- Color Baseline: ± 15 steps
- Persistence: 0-80 (probe dependent)
- B Reject: 0-255
- Steer Angle: adjustable
- m-Tuning function

M-Mode

- Steer M: 3 lines
- Video Invert: ON/OFF
- Chroma: 5 kinds selectable
- Display format: H1/2, H1/4, V1/3, V1/2, V2/3, O1/4
- Sweep Speed: 0, 1, 2, 3, 4, 5 adjustable
- M Process: Switch between average or peak values.
- Power: 30-100

Spectral Doppler

- Doppler methods
 - ◆ PW (pulsed wave) Doppler
 - ◆ CW Doppler
- 2D Refresh: on/off
- Sample Volume and Position for PW Doppler: 0.7-21mm, adjustable,
- Video Inversion: On/Off
- Spectrum Inversion: Achievable
- θ Angle Correction: On/Off (correction range: 0 -72°)
- Spectral Real-time Trace: Achievable
- Baseline: 17 steps selectable
- Frequency: 5 bands
- Filter: 25-750 adjustable
- PRF: 1-16kHz (PW)
- PRF: 1-48KHz (CW)
- Max Velocity Range
 - ◆ 0.0004-18 m/s (PW)
 - ◆ 0.0014- 55 m/s (CW)
- Scan Speed: 2, 4, 6, 8 sec/plane
- Doppler Chroma: 5 kinds selectable
- One-key Auto Optimization
 - ◆ Auto Adjusting Baseline
 - ◆ Auto Adjusting PRF
 - ◆ Auto Correcting Angle
- Dynamic Range: 10 types selectable
- Display Format : H1/2, H1/4, V1/3, V1/2, V2/3, O1/4
- Steer Angle: adjustable

3D Mode

- Clear ROI
- Restore ROI
- Crop :on/off
- ROI Mode :on/off
- Hide ROI :on/off
- Render Mode: Vol、MaxIP、X-ray
- Auto Rotate (45°, 90°, 180°, 270°, 360° adjustable)
- Trace Cut: on/off
- Undo Cut
- Clip Plane: On/Off
- Opacity Offset: 0-255 adjustable
- Opacity Slope: 0-255 adjustable
- Multi-slice: Ref A, Ref B, Ref C
- Slice Spacing: 0.5-2.0 adjustable
- Color Map: 5 kinds
- Cine Playback: On, Off
- Scan Angle: 20-75 adjustable
- Rescan: On, Off
- Image Quality: High/Med/Low
- Image Stability: On/Off
- Volume Review: 0-6 adjustable
- Scan Method: Lin、 Sec
- Z Scale: adjustable
- Z Angle: 10-170°adjustable
- X Rotation
- Y Rotation
- Z Rotation
- Horizontal Movement: Left/Right

- Vertical Movement: Up/Down
- Display mode
 - ◆ Dual-split Display
 - ◆ Quad-split Display
 - ◆ 3D Full Display
- Cut off line curvature and position: adjustable
- Size and Position of ROI: adjustable
- 4D image gain: adjustable
- 4D image depth: adjustable
- 3D Image Storage
- 4D Image Storage and Playback
- Print

Physiological Signal Display

- ECG Pulse wave
- ECG Lead-three lead system
- ECG Gain: adjustable
- ECG Position: adjustable
- ECG Invert: On/Off
- R-Trigger: On/Off
 - ◆ Trigger Delay: adjustable
 - ◆ Frame Count: adjustable

Integrated Data Management System

→Hard Disk memory capacity: 500 G
 →USB ports: 2

Image Storage and Playback

- Cine Loop: Up to 10000 frames in B mode
- Cine Loop Time: 120 seconds or more

- Real time single or dual display, static or dynamic image storage
- The Stored Images can be viewed directly on PC.
- Clip Board Function: achievable
- Doppler Cine Playback: Speed is adjustable; Sound can be played back.

DICOM Network Communication

- Storage: Directly transmits images with patient information to a DICOM file server
- Print: Images can be printed directly using a DICOM compatible printer
- DICOM Worklist
- DICOM MPPS
- DICOM Commitment
- Medical digital images and communication DICOM 3.0 interface

Data Communication Function

- Patient data, measurement data such as OB/GYN, cardiac, small part, urology and peripheral vascular measurements acquired from the ultrasound system, images can be exported to PC.

Preset Function

- Users can customize the presets based on different probe and diagnostic part to optimize imaging parameters and adjustment

combination.

- Delete the preset
- Import/export the preset

Patient Data Management

- Patient Registration: Name, ID, Gender, Date of Birth, Height, Weight, LMP, EDD and GA.
- Patient Data, Report, Images can be saved and printed

Annotation and Body Mark Setting

- Body Mark Icon: ≥52
- Annotation can be selected in the library.
- Annotation Number: Up to 20

Peripheral Ports

- VGA port
- VIDEO port
- S-VIDEO port
- ECG
- Printer control port
- Audio output port
- USB port
- Ethernet port (DICOM port)
- Foot switch port

Physical Specification

- Size: 400mm*360 mm*398mm (L*W*D)
- Weight: Approx. 9.8kg
- LCD display: 15" Widescreen and

High-Resolution Color LCD monitor,
anti-flickering and vertically and horizontally
rotatable

- Probe connector: 2, interchangeable

Safety Standard

Comply with IEC60601-1, IEC60601-1-1-2,
IEC60601-2-37

Environmental Requirements

Operation

- Temperature: +10 °C to +40 °C
- Relative Humidity: 30% to 75%
(non condensing)
- Atmospheric pressure: 700 to 1060hPa

Storage/Transportation

- Temperature: -20 °C to +55 °C
- Relative humidity: 20%- 90%
(non condensing)
- Atmospheric Pressure: 700 to 1060hPa

Power Supply

- 110-240~, 2.7-1.2A
- Frequency: 50/60Hz

Optional Probes

- Phased Array Probe (Cardiology)
→2P1 (1.9-6 MHz)
→5P1 (4.2-11 MHz)
- Linear Probe (Vascular, Small Part)
→L741 (4.5-16 MHz)

- 10L1 (4.5-15 MHz)
- Curved Probe (Abdomen, OB/GYN)
 - C322 (2.0-7.0 MHz)
 - C344 (2.0-7.0 MHz)
 - C354 (2.0-7.0MHz)
 - C542 (3.7-11 MHz)
- Micro-curved Probe (Transvaginal)
 - 6V1 (3.9-15 MHz)
 - 6V3 (3.9-15MHz)
- Micro-curved Probe (Cardiology)
 - C611 (4.0-13 MHz)
- Volume Probe
 - VC6-2 (2.0-7.0MHz)
- Linear Probe (Intraoperative)
 - 10I2 (4.5-15MHz)
- Biplane Probe
 - BCC9-5 (3.9-15MHz)
- Transrectum Probe
 - EC9-5 (3.9-15MHz)

Measurements and Calculations

• **General Measurements and Calculations**

B-Mode

- Distance (real time, freeze)
- Angle
- IMT
- Volume (L×W×H, Area×L)
- Area and circumference (Trace, Ellipse)
- (real time, freeze)

M-Mode

- Distance
- Velocity
- Time
- Heart rate
- Slope

Spectral Doppler Mode

- Time
- Heart Rate
- Flow Velocity
- Velocity Ratio
- Acceleration
- Resistance Index
- Pulsatility Index
- PV (peak Velocity)
- PG ((Pressure gradient)
- Manual trace
- Auto Trace
- Semi-auto Trace
- Velocity Time Integral
- Mean Pressure
- End diastolic Velocity
- Press half time
- Mean Flow Velocity

Color Mode

- Color Flow Velocity
- Doppler Area
- PISA: Proximal Isovelocity surface area

• **Obstetrical/ Gynecological Measurements and Calculations**

B Mode

→GS (Gestational Sac diameter)
 →CRL (Crown Rump Length)
 →BPD (Biparietal Diameter)
 →HC (Head Circumference)
 →AC (Abdominal Circumference)
 →FL (Femur Length)
 →CER (Cerebellum)
 →OFD (Occipitofrontal Diameter)
 →Fibula (Fibula Length)
 →Foot (Foot Length)
 →AA (Abdominal Area)
 →APAD (Anteroposterior Abdominal Diameter)
 →HA (Head Area)
 →Humerus (Humerus Length)
 →Kidney (Kidney Length)
 →APTD (Anteroposterior Trunk Diameter)
 →OOD (Outer Orbital Diameter)
 →Radius (Radius Length)
 →TAD (Transverse Abdominal Diameter)
 →TC (Thoracic Circumference)
 →THD (Thoracic Diameter)
 →Tibia (Tibia Length)
 →TTD (Transverse Trunk Diameter)
 →Ulna (Ulna Length)
 →Umb VD (Umbilical Vein Diameter)
 →NT (Nuchal Translucency)
 →LV (Lateral Ventricle)
 →AFI (Amniotic Fluid Index)

→UT L (Uterus Length)
 →UT H (Uterus Height)
 →UT W (Uterus Width)
 →Cx (Cervix)
 →En-T (Endometriosis)
 →Rt OV L (Right Ovary Length)
 →Rt OV H (Right Ovary Height)
 →Rt OV W (Right Ovary Width)
 →Lt OV L (Left Ovary Length)
 →Lt OV H (Left Ovary Height)
 →Lt OV W (Left Ovary Width)
 →Dominant Follicle
 →EFA (Estimated Fetal Age)
 →EDD (Estimated Date of Delivery)
 →EFW (Estimated Fetal Weight)
 →AUA (Average Ultrasound Age)
 →GA (Gestational Age)
 →L Follicle
 →R Follicle

PW Mode

→Umb A (Umbilical Artery)
 →MCA (Middle Cerebral Artery)
 →Fetal AO (Fetal Aorta)
 →Fetal HR
 →Rt Uterin A (Right Uterine Artery)
 →Lt Uterin A (Left Uterine Artery)

- **Cardiac Measurements and Calculations**

B-Mode

→Left Ventricular Function Measurement

- ◆ Single Plane Ellipse Method
 - LVALd: Left Ventricular Long-axis
Area at end Diastole
 - LVLd: Left Ventricular Long-axis
Length at end Diastole
 - LVALs: Left Ventricular Long-axis
Area at end Systole
 - LVLs: Left Ventricular Long-axis
Length at end Systole
- ◆ Biplane Ellipse Method
 - LVALd: Left Ventricular Long-axis
Area at end Diastole
 - LVALs: Left Ventricular Long-axis
Area at end Systole
 - LVAMd: Left ventricular short-axis
area at end diastole
 - LVIDd: Left ventricular short-axis
diameter at end diastole
 - LVAMs: Left ventricular short-axis
area at end systole
 - LVIDs: Left ventricular short-axis
diameter at end systole
- ◆ Bullet
 - LVAMd: Left ventricular short-axis
area at end diastole
 - LVAMs: Left ventricular short-axis
area at end systole
 - LVLd: Left ventricular long-axis
length at end diastole

- LVLs: Left ventricular long-axis
length at end systole
- ◆ Simpson Method
 - LVAMD: Left ventricular short-axis
area at end diastole
 - LVAMs: Left ventricular short-axis
area at end systole
 - LVAPd: Left ventricular short-axis
area at the level of the
papillary muscle at end
diastole
 - LVAPs: Left ventricular short-axis
area at the level of the
papillary muscle at end
systole
 - LVLd: Left ventricular long-axis
length at end diastole
 - LVLs: Left ventricular long-axis
length at end systole
- ◆ Cube
 - IVSTd: Interventricular septal
thickness at end diastole
 - LVIDd: Left ventricular short-axis
diameter at end diastole
 - LVPWd: Left ventricular posterior
wall thickness at end
diastole
 - IVLTs: Interventricular septal
thickness at end systole
 - LVIDs: Left ventricular short-axis

- diameter at end systole
- LVPWd: Left ventricular posterior wall thickness at end systole
- ◆ Teichholz
 - LVLDd: Left ventricular short-axis diameter at end diastole
 - LVIDs: Left ventricular short-axis diameter at end systole
- ◆ Gibson
 - LVLDd: Left ventricular short-axis diameter at end diastole
 - LVIDs: Left ventricular short-axis diameter at end systole
- ◆ Biplane Disk
 - Diastole 2CH
 - Diastole 4CH
 - Systole 2CH
 - Systole 4CH
- Mitral Valve Diam
- Lv Outflow Diam
- Pul.Valve Diam
- Aortic Valve Diam

M-Mode

- Left Ventricular Fuction Measurement
- ◆ Cube
 - LVIDd: Left ventricular short-axis diameter at end diastole
 - LVIDs: Left ventricular short-axis diameter at end systole

- LVPWd: Left ventricular posterior wall thickness at end diastole
- LVPWd: Left ventricular posterior wall thickness at end systole
- ◆ Gibson
 - LVLDd: Left ventricular short-axis diameter at end diastole
 - LVIDs: Left ventricular short-axis diameter at end systole
- ◆ Teichholz
 - LVLDd: Left ventricular short-axis diameter at end diastole
 - LVIDs: Left ventricular short-axis diameter at end systole

→Mitral Valve Measurement

→Aortic Valve Measurement

PW-Mode

- Mitral Valve Measurement
- Aortic Valve Measurement
- Tricuspid Valve Measurement
- Pulmonary Valve Measurement
- TEI Index Doppler Measurement

• Vascular Measurements and Calculations

- ICA (Internal Carotid Artery)
- ECA (External Carotid Artery)
- CCA (Common Carotid Artery)

- INT IL (Internal iliac)
- EXT IL (External iliac)
- ILIAC (Common iliac)
- CFA (Common Femoral Artery)
- PROFUN (Profunda)
- LT CIR (Lateral Circumflex)
- SFA(Superficial Femoral Artery)
- POP (Popliteal Artery)
- PTA (Posterior Tibial Artery)
- PERON (Personal Artery)
- ATA (Anterior Tibial Artery)
- DR PED (Dorsalis Pedis)
- Flow Vol
- %A REDUC (Area reduction percent)
- %D REDUC (Diameter reduction percent)
- PI (Pulsatility Index)
- RI (Resistive Index)
- S/D (Systolic/Diastolic Ratio)
- PG ((Pressure gradient)
- PV (peak Velocity)
- IMT

- **Urological Measurements and**

- **Calculations**

- Left Kidney
 - Right Kidney
 - Left-Renal Cortex
 - Right-Renal Cortex
 - Left-Adrenal Gland
 - Right- Adrenal Gland

- Bladder Volume
- Residual Urine
 - ◆ Urine Area
 - ◆ Urine Height
- Whole Prostate Volume
- Left-Seminal Vesicles
- Right- Seminal Vesicles
- Left-Testicle
- Right-Testicle
- Trans Zone Volume

- **Small Part Measurements and Calculations**

- L-Thyroid
- R-Thyroid
- Thyroid Isthmus
- L-Superior Parathyroid
- L-Inferior Parathyroid
- R-Superior Parathyroid
- R-Inferior Parathyroid

- **Orthopaedic Measurements and Calculations**

- HIP (Hip Joint)

- **Report Functions**

- Obstetrical /Gynecological report
(Editable)
 - ◆ Fetal growth curve: quad view
 - ◆ Fetal Anatomy
 - ◆ Biophysical Profile
 - ◆ Fetal Compare (quadruplets)

- ◆ Insert pictures: 6
- ◆ Comment
- Cardiac report (editable)
- Vascular report
- Urological report
- Small Part report
- IMT Report

NOTE:

- The specifications of this system may change without any prior notification.
- Some products or features may not be available in some countries.
- Please contact your local SonoScape sales representative for more information.

Service Information:

Address: 4/F, 5/F, 8/F, 9/F & 10/F, Yizhe Building, Yuquan Road, Nanshan, Shenzhen, 518051, Guangdong, China

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