



## Apogee 5300 Touch

— *General color Doppler system*

### Appearance

- Ergonomic appearance
- Swivel keyboard and monitor
- High resolution color monitor
- 19-inch LCD monitor
- 10.4-inch touch screen
- Visual Angle:
  - Left and right side: 178°
  - Up and down: 178°
  - Resolution : 1280 × 1024
- Backlit keyboard, 8 TGC
- Transparent keyboard membrane for minor languages: Russian
- Four active probe connectors
- Six probe holders
- Gel warmer

### Transducer Types

- Electronic convex probe
- Electronic linear probe
- Electronic trans vaginal probe
- Electronic phased array probe
- Electronic trans rectal probe
- Electronic biplane probe
- 4D convex probe

### Probe Mode

- C3LC convex probe
- C6LC convex probe
- C3IC convex probe
- C5IC convex probe
- L8LC linear probe
- L10LC linear probe

### Probe

## Product data

- U5LC linear probe
- P3FC phased array probe
- P5FC phased array probe
- V6LC trans vaginal probe
- C5LF 4D convex probe
- V6LC 4D vaginal probe
- ECBP biplane probe
- Free hand 3D
- 4D Pro
- CW function
- ECG (Optional)
- SonoAir : transmit images to iPad/iPhone or the wireless Printer (Optional)
- DICOM 3.0 (Optional)
- Ultracloud (Optional)
- MFI

## Technology

### Applications

- Abdomen, Urology, Gynecology,
- Obstetrics (1<sup>st</sup> Trimester, 2<sup>nd</sup> and 3<sup>rd</sup> Trimesters), Fetal echo, Multifetation
- Abdomen (PEN), Urology (PEN)
- Thyroid, Breast, Testes, Peripheral vascular, Orthopedics, Podiatry, Superficial, Small part (PEN), Musculoskeletal Neurology
- Carotid, Vascular (PEN)
- Cardiology, Cardiology (PEN),
- Pediatrics Cardiac

### Highlight

- Auto-Fit: Automatic Optimization (B and PW mode)
- Nanoview : Speckled Reduction
- Trapezoidal Imaging (linear probe)
- Tissue Harmonic imaging (3 frequency)
- Zoom
- Color Doppler, Color Power Doppler and Direction Power Doppler
- Pulse Wave Doppler
- XBeam : Compound Imaging
- Panoscope : Panoramic Imaging
- Anatomic M mode (360°)
- Smarchive
- VS-Flow (Optional)
- Tissue Doppler Imaging (Optional)
- Elastography (Optional)
- Auto 3D (optional)

### Display mode

- B, 2B, 4B mode
- M, B/M mode
- Color flow mode
- Pulse Wave Doppler
- B/CFM, B/PDI mode
- B/PW mode
- B/CFM/PW, B/PDI/PW
- CW, B/CW, B/CFM/CW mode
- B/E, E mode
- TDI mode
- Split B/Color real time mode
- 3D, 4D mode

### Zoom

- Real time zooming
- 4 Steps: ×1.5, ×2.0, ×3.0, ×4.0
- Selectable zooming position
- Zoom frozen
- 4 Steps: ×1.5, ×2.0, ×3.0, ×4.0

### Focus

- Continuous dynamic focus
- Dynamic apodization
- Dynamic aperture
- 1~8 selectable transmit focus
- Acoustic lens focus

### Memory

## Product data

- Cine-memory
- B-mode (max.2000 frames)
- M-mode (11 minutes)
- Hard disk 500 GB

## Imaging Processing

### 2D mode

- 8-step TGC slide pots
- Gain: 0~100
- Depth: 1.6~30.8 cm
- Frequency: 5 steps
- Dynamic range adjustable: 30~180dB
- Edge enhancement: 0~3
- Smooth: 0~3
- Nanoview: 0~6
- Persistence: 0~7
- Chroma: 0~8
- Grayscale: 0~23
- Power:  $-\infty$ ~0dB, 0~100%
- Scan angle: 10°~157°
- B rotation: 0°, 90°, 180°, 270°
- B steer: -20°~20°
- Line density: 2 steps
- Inversion: left/right, up/down

### M mode

- Gain: 0~100dB
- Sweep speed: 4 steps
- Maps: 0~23
- Chroma: 0~8

### Color mode

- Gain control: 0~100dB
- Pulse repetition frequency: 0.25KHz~6.0KHz
- Wall filter: 3KHz, 50 steps
- Median Filter: 0~3
- Threshold: 0~10
- Color Map: 0~10
- Smooth: -3~3

- Color persistence: 0~7
- Line density: 2 steps
- Color enhancement: 6~16
- Velocity: 0.1cm/s ~ 298cm/s
- Color frequency: 4 steps
- Power: 0~100%,  $-\infty$  dB ~ 0 dB
- Baseline: 17 steps
- Steer: -20°~20°
- Priority: 85 steps
- Sampling volume: 1~128

### PW mode

- Gain: 0~100dB
- D map: 0~23
- Frequency: 3 steps
- Steer: -20°~20°
- Chroma: 0~8
- PRFd: 0.25~25Hz
- Basic line: 31 steps
- Wall filter: 50 steps
- Angle: -80°~+80°
- Sampling volume: 0.5~40.0mm
- Volume: 0~100%
- D Speed: 1~5
- Smooth: 0~3
- Power:  $-\infty$  dB ~ 0 dB

### CW mode

- Gain: 0~100dB
- Map: 0~23
- Speed: 1~5
- Volume: 0~100%
- Power:  $-\infty$  dB ~ 0 dB
- Smooth: 0~3
- Chroma: 0~8
- Frequency: 3 steps
- WF: 50 steps
- Angle: -80°~+80°
- Scale: 1~9

### 4D Pro mode

## Product data

- 4D map: 31 steps
- Rotate angle: 0° ~ 270°
- Threshold: 0~100
- Smooth: 0~3
- Brightness: 0~10
- Zoom: 0.2~2.5
- Color: 0~5
- Smooth: 0~5
- nSlice:
  - Planes: 3~39
  - Space: 0.5~20mm
- Q Cut
- Any Cut

### TDI mode

- C Gain: 0~100Db
- C PER:0~7
- C Freq:4 steps
- PRFc:0.25~6KHz
- Wall filter: 3KHz,Max,50 steps
- Baseline:17 steps
- C Map:0~9
- Thred:0~10
- C Prior:0~255
- C PWR: 0~100%, -∞ dB ~ 0 Db
- C SMO:-3~+3
- C Gate:1~128
- M Filter:0~3
- C LD: Low, High
- C Speed: 0.2cm/s ~ 298.4cm/s
- C ENH:6~16

### ECG mode

- Gain: 1~8
- Position: 1~10
- Interval: ON/OFF
- ESP:0~3
- Color:1~4
- Hide: ON/OFF

## Measurement & Calculation

### Measurement

#### 2D mode (General)

- Distance
- Trace Length
- Ellipse (area)
- Trace (area)
- Angle (general)
- Angle (cross)
- Auto IMT (intima-media thickness)
- Histogram

#### PW mode

- HR (heart rate)
- Velocity
  - PSC (peak systolic velocity)
  - EDV (end diastolic velocity)
  - S/D (systolic/diastolic)
  - RI (resistance index)
  - PG (pressure)
- ACC (acceleration)
- Time
- Manual Trace
  - PSC (peak systolic velocity)
  - EDV (end diastolic velocity)
  - MN (median)
  - ACC (acceleration)
  - S/D (systolic/diastolic)
  - RI (resistance index)
  - PI (pulsatility index)
  - HR (heart rate)
  - PG (pressure)
- Auto Trace
  - PSC (peak systolic velocity)
  - EDV (end diastolic velocity)
  - MN (median)
  - ACC (acceleration)
  - S/D (systolic/diastolic)
  - RI (resistance index)
  - PI (pulsatility index)
  - HR (heart rate)

## Product data

- PG (pressure)
- Range Trace
  - PSC (peak systolic velocity)
  - EDV (end diastolic velocity)
  - MN (median)
  - ACC (acceleration)
  - S/D (systolic/diastolic)
  - RI (resistance index)
  - PI (pulsatility index)
  - HR (heart rate)
  - PG (pressure)

- Spleen
  - Length
  - Anteroposterior
  - Spleen artery
  - Spleen vein

## Calculation

### Abdomen

- Liver
  - Long Left Lobe
  - Anteroposterior Left Lobe
  - Angle Left Lobe
  - Obli R Lobe
  - Anteroposterior Right Lobe
  - Angle Right Lobe
  - Portal Vein
  - IVC (Inferior Vena Cava)
  - SMA (Superior Mesenteric Artery)
  - CELA (Celiac trunk)
  - AO (aortaventralis)
- Gallbladder
  - Length
  - Anteroposterior
  - Transverse
  - Wall
  - CBD (Common bile duct)
  - LHD (Left hepatic duct)
  - RHD (Right hepatic duct)
- Pancreas
  - Head
  - Body
  - Tail
  - MPD(Main pancreatic duct)

### Urology

- Kidney
  - Length Left Kidney
  - Anteroposterior Left Kidney
  - Transverse Left Kidney
  - Left Renal Artery
  - Length Right Kidney
  - Anteroposterior Right Kidney
  - Transverse Right Kidney
  - Right Renal Artery
- Ureter
  - Left
  - Right
- Bladder
  - Length
  - Anteroposterior
  - Transverse
  - Volumen
- After the urine bladder
  - Length
  - Anteroposterior
  - Transverse
  - Simpson Residual Urine
- Prostate
  - Volumen
  - PSAD (Prostate specific antigen Density)

### Gynecology

- Uterus

- Length
- Anteroposterior
- Transverse
- Endometrium
- Cervix
  - Length
  - Anteroposterior
  - Transverse
- Ovary
  - Length Left
  - Anteroposterior Left
  - Transverse Left
  - Length Right
  - Anteroposterior Right
  - Transverse Right
- Follicle
  - Volume 1
  - Volume 2
  - Volume 3

- TAD (transverse trunk diameter)
- Placenta
- APD (Antero-posterior abdominal diameter)
- HL (humerus length)
- TL (tibia length)
- UL (ulna length)
- RL (radius length)
- FIBL (fibula length)
- OOD (outside Orbital distance)
- LV (Lateral ventricle)
- HW (Hemisphere width)
- NT (nuchal translucency)
- FTA (fetal torso transverse section)
- CER (cerebellum transverse diameter)
- Growth charts
- Biophysical profile

**Obstetrics (1<sup>st</sup> Trimester)**

- GS (gestation sac)
- CRL (crown-rump length)
- BPD (biparietal diameter)
- HC (head circumference)
- AC (abdominal circumference)
- FL (femur length)

**Obstetrics (2<sup>nd</sup> and 3<sup>rd</sup> Trimesters)**

- CRL (crown-rump length)
- BPD (biparietal diameter)
- HC (head circumference)
- AC (abdominal circumference)
- FL (femur length)
- Q (amniotic fluid index)
- OFD (occipitofrontal diameter)

**Fetal echo**

- AO (aorta)
- LVOT (Left ventricular outflow tract)
- PA (Pulmonary artery)
- RVOT (Right ventricular outflow tract)
- LA (Left atrium)
- RA (Right atrium)

**Thyroid**

- Long Left Lobe
- Anteroposterior Left Lobe
- Transverse Left Lobe
- SUPA Left Lobe (Superior artery of Left Lobe)
- INFA Left Lobe (Inferior artery of Left Lobe)
- Long Right Lobe
- Anteroposterior Right Lobe
- Transverse Right Lobe
- SUPA Right Lobe (Superior artery of

## Product data

- Right Lobe)
- INFA Right Lobe (Inferior artery of Right Lobe)
- Isthmus
- LCCA (Left common carotid artery)
- RCCA (Right common carotid artery)

### Breast

- UI Left Breast (Upper internal of Left Breast)
- LI Left Breast (Lower internal of Left Breast)
- UE Left Breast (Upper external of Left Breast)
- LE Left Breast (Lower external of Left Breast)
- UI Right Breast (Upper internal of Right Breast)
- LI Right Breast (Lower internal of Right Breast)
- UE Right Breast (Upper external of Right Breast)
- LE Right Breast (Lower external of Right Breast)

### Testes

- Long Left Testis
- Anteroposterior Left T Testis
- Transverse Left T Testis
- Long Left Epididymis
- Anteroposterior Left Epididymis
- Long Right Testis
- Anteroposterior Right Testis
- Transverse Right Testis
- Long Right Epididymis
- Anteroposterior Right Epididymis

### Neonate

- Left LV (Left lateral ventricle)
- Right LV (Right lateral ventricle)
- 3<sup>rd</sup> (Third cerebral ventricle)

- HW (Hemisphere width)

### Peripheral vascular

- Diameter
  - Left AXIA (Left axillary artery)
  - Left BRAA (Left brachial artery)
  - Left RADA (Left radial artery)
  - Left ULNA (Left ulnar artery)
  - Left FEMA (Left femoral artery)
  - Left POPA (Left popliteal artery)
  - Left DORA (Left dorsal artery)
  - Right AXIA (Right axillary artery)
  - Right BRAA (Right brachial artery)
  - Right RADA (Right radial artery)
  - Right ULNA (Right ulnar artery)
  - Right FEMA (Right femoral artery)
  - Right POPA (Right popliteal artery)
  - Right DORA (Right dorsal artery)
  - Vein

- Intima
  - Left AXIA (Left axillary artery)
  - Left BRAA (Left brachial artery)
  - Left RADA (Left radial artery)
  - Left ULNA (Left ulnar artery)
  - Left FEMA (Left femoral artery)
  - Left POPA (Left popliteal artery)
  - Left DORA (Left dorsal artery)
  - Right AXIA (Right axillary artery)
  - Right BRAA (Right brachial artery)
  - Right RADA (Right radial artery)
  - Right ULNA (Right ulnar artery)
  - Right FEMA (Right femoral artery)
  - Right POPA (Right popliteal artery)
  - Right DORA (Right dorsal artery)
  - Vein

- Intima-media
  - Left AXIA (Left axillary artery)
  - Left BRAA (Left brachial artery)
  - Left RADA (Left radial artery)
  - Left ULNA (Left ulnar artery)
  - Left FEMA (Left femoral artery)
  - Left POPA (Left popliteal artery)
  - Left DORA (Left dorsal artery)
  - Right AXIA (Right axillary artery)
  - Right BRAA (Right brachial artery)
  - Right RADA (Right radial artery)
  - Right ULNA (Right ulnar artery)
  - Right FEMA (Right femoral artery)
  - Right POPA (Right popliteal artery)
  - Right DORA (Right dorsal artery)
  - Vein

- %D Reduce
  - Left AXIA (Left axillary artery)
  - Left BRAA (Left brachial artery)
  - Left RADA (Left radial artery)
  - Left ULNA (Left ulnar artery)
  - Left FEMA (Left femoral artery)
  - Left POPA (Left popliteal artery)
  - Left DORA (Left dorsal artery)
  - Right AXIA (Right axillary artery)
  - Right BRAA (Right brachial artery)
  - Right RADA (Right radial artery)
  - Right ULNA (Right ulnar artery)
  - Right FEMA (Right femoral artery)
  - Right POPA (Right popliteal artery)
  - Right DORA (Right dorsal artery)
  - Vein

- %A Reduce (%Area reduce)
  - Left AXIA (Left axillary artery)
  - Left BRAA (Left brachial artery)

- Left RADA (Left radial artery)
- Left ULNA (Left ulnar artery)
- Left FEMA (Left femoral artery)
- Left POPA (Left popliteal artery)
- Left DORA (Left dorsal artery)
- Right AXIA (Right axillary artery)
- Right BRAA (Right brachial artery)
- Right RADA (Right radial artery)
- Right ULNA (Right ulnar artery)
- Right FEMA (Right femoral artery)
- Right POPA (Right popliteal artery)
- Right DORA (Right dorsal artery)
- Vein

**Orthopedics**

- Hip Joint

**Carotid**

- Diameter
  - Left CCA (Left common carotid artery)
  - Left BIF (Left common carotid artery Bifurcation)
  - Left ICA (Left Internal carotid artery)
  - Left ECA (Left external carotid artery)
  - Right CCA (Right common carotid artery)
  - Right BIF (Right common carotid artery Bifurcation)
  - Right ICA (Right Internal carotid artery)
  - Right ECA (Right external carotid artery)

- Intima
  - Left CCA (Left common carotid artery)



## Product data

- Left BIF (Left common carotid artery Bifurcation)
  - Left ICA (Left Internal carotid artery)
  - Left ECA (Left external carotid artery)
  - Right CCA (Right common carotid artery)
  - Right BIF (Right common carotid artery Bifurcation)
  - Right ICA (Right Internal carotid artery)
  - Right ECA (Right external carotid artery)
- %D Reduce (%Diameter reduce)
    - Left CCA (Left common carotid artery)
    - Left BIF (Left common carotid artery Bifurcation)
    - Left ICA (Left Internal carotid artery)
    - Left ECA (Left external carotid artery)
    - Right CCA (Right common carotid artery)
    - Right BIF (Right common carotid artery Bifurcation)
    - Right ICA (Right Internal carotid artery)
    - Right ECA (Right external carotid artery)
  - %A Reduce
    - Left CCA (Left common carotid artery)
    - Left BIF (Left common carotid artery Bifurcation)
    - Left ICA (Left Internal carotid artery)
    - Left ECA (Left external carotid artery)
    - Right CCA (Right common carotid artery)
- Right BIF (Right common carotid artery Bifurcation)
  - Right ICA (Right Internal carotid artery)
  - Right ECA (Right external carotid artery)

### Cardiology

- RVAWd (Right ventricular anterior wall diastolic)
- RVd (Right ventricle diastolic period)
- IVSd (Inter-ventricular septum in diastolic period)
- LVd (Left ventricle in diastolic period)
- LVPWd (Diameter of left ventricle posterior wall in diastolic period)
- RVAWs (Right ventricular anterior wall systolic period)
- RVs (Right ventricular systolic period)
- IVSs (Inter-ventricular septum in systolic period)
- LVPWs (Diameter of left ventricle posterior wall in systolic period)
- RVOT (Right ventricular outflow tract)
- AO (Aorta)
- LA (Left atrium)
- IVC (Inferior vena cava)
- PA (Great artery short axis view)

### Physical Features

#### Connectivity

- Video out port
- S-Video out port
- Audio in port
- Audio out port
- MIC
- VGA out port
- 4 USB port
- Printer control port
- AC power input port

## Product data

- HDMI digital port
- Network interface
- Foot SW
- WIFI port
- ECG port: 1
- Gel warmer port: 1

### Dimension

- Net dimension:
  - 815 mm (D) X 580 mm (W) X (1260-1480) mm (H)
- Gross dimension:
  - 950 mm (L) X 670 mm (W) X 1200 mm (H) (paper case)
  - 940 mm (L) X 660 mm (W) X 1190 mm (H) (wooden case)

### Weight

- Gross weight
  - 95kg(paper case)
  - 105kg(wooden case)
- Net weight
  - 60kg (include 19-inch monitor)

### Power Requirements

- Voltage: 100~220V±10%~(230±23V for EU countries)
- Frequency: 50Hz±1Hz; 60Hz±1Hz
- Rated Power: 500VA

### Operation Conditions

- Ambient temperature: 0°C to +40°C
- Relative humidity: 30% to 85%
- Atmospheric Pressure: 700hPa to 1060hPa

### Stored Conditions

- Ambient temperature: -20°C to +60°C

- Relative humidity: 15% to 93%
- Atmospheric Pressure: 500hPa ~ 1060hPa

## Software & Accessories

### Standard Accessories

- Power Cable
- Operation Manual
- Potential equalization conductor
- Printer control cable
- S-Video cable
- Fuse
- BNC/RCA cable
- Dust-proof cover
- Recovery system CD
- Wireless network antenna
- Cupule
- Tray

### Optional Accessories

- B/W or color Video printer
- LaserJet or inkjet printer
- Biopsy guide
- Foot switch
- EGC cable
- Gel warmer

## Applied Standards

### Quality Standards

- ISO 9001:2008
- ISO 13485:2003

### Conformance Standards

- UL 60601-1
- EN 60601-1 and IEC 60601-1
- EN 60601-1-1 and IEC 60601-1-1
- EN 60601-1-2 and IEC 60601-1-2
- EN 60601-1-4 and IEC 60601-1-4

## Product data

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- EN 60601-1-6 and IEC 60601-1-6
- EN 60601-2-37 and IEC 60601-2-37
- EN 62304 and IEC 62304

## CE Declaration

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective products / product categories according to Annex II section 3 of the Directive 93/42/EEC on Medical Devices.



Probe

Model mode	Applications	Transmit frequency (MHz)	Max. depth	View field	Array radius	Max. Frames (Hz)	Biopsy guide
Convex probe							
C3LC (128)	Abdomen Gynecology 1 <sup>st</sup> Trimester 2 and 3 Trimesters Multifetation Fetal echo Abdomen(pen) Urology(pen)	B mode: 2.0/2.5/3.3/4.2/5.0 Color mode: 2.0/2.5/3.0/3.5 PW mode: 2.5/3.0/3.5 Harmonic: 2.0/2.5/3.3	30.8cm	74°	R60	1112	Available
C3LC (192)	Abdomen Gynecology 1 <sup>st</sup> Trimester 2 and 3 Trimesters Multifetation Fetal echo Abdomen(pen) Urology(pen)	B mode: 2.0/2.5/3.3/4.2/5.0 Color mode: 2.0/2.5/3.0/3.5 PW mode: 2.5/3.0/3.5 Harmonic: 2.0/2.5/3.3	30.8cm	74°	R60	770	Available
C6LC (128)	Cardiology, Cardiology (PEN), Pediatrics Cardiac Abdomen TCD	B mode: 4.5/5.2/6.0/6.7/7.5 Color mode: 2.8/3.5/4.2/5.0 PW mode: 3.5/4.2/5.0 Harmonic: 4.5/5.2/6.0	14.2 cm	85°	R17.5	1430	Invalid
C3LC (128)	Abdomen Gynecology 1 <sup>st</sup> Trimester 2 and 3 Trimesters Multifetation Fetal echo Abdomen(pen) Urology(pen)	B mode: 2.0/2.5/3.3/4.2/5.0 Color mode: 2.0/2.5/3.0/3.5 PW mode: 2.5/3.0/3.5 Harmonic: 2.0/2.5/3.3	30.8cm	85°	R40	1112	Available
C5IC (128)	Cardiology Cardiology (pen) Pediatrics Cardiac Abdomen	B mode: 4.0/4.7/5.5/6.2/7.0 Color mode: 2.8/3.5/4.2/5.0 PW mode: 3.0/3.5/4.2 Harmonic: 4.0/4.7/5.5	14.2cm	110°	R20	2002	Invalid
C3IC (128)	Cardiology Cardiology (pen) Pediatrics Cardiac Abdomen	B mode: 2.0/2.5/3.3/4.2/5.0 Color mode: 2.0/2.5/3.0/3.5	30.8cm	110°	R20	2002	Invalid

## Product data

		PW mode: 2.5/3.0/3.5 Harmonic: 2.0/2.5/3.3					
4D Probe							
C5LF	Abdomen Gynecology Obstetric Urology 1 <sup>st</sup> Trimester 2 and 3 Trimesters Multifetation Fetal echo	B mode: 4.0/4.7/5.5/6.2/7.0 Color mode: 2.5/3.0/3.5/4.5 PW mode: 2.5/3.0/3.5 Harmonic: 4.0/4.7/5.5	30.8cm	68°	R40	910	Invalid
V6LC (4D Vaginal)	Gynecology 1 Trimester Urology	B mode: 4.0/5.0/6.0/7.0/9.0 Color mode: 4.2/5.0/5.7/6.5 PW mode: 5.0/5.7/6.5 Harmonic: 4.0/5.0/6.0	12.6cm	146°	R10	2002	Invalid
Linear probe							
L8LC (192)	Thyroid Breast Testes Small Part Peri.Arteries Carotid Orthopaedics Podiatry Superficial Small Part (pen) Vessel(pen)	B mode: 5.0/6.6/7.5/10.0/12.0 Color mode: 5.6/6.2/7.5/8.2 PW mode: 5.0/5.7/6.2 Harmonic: 5.0/6.6/7.5	9.5cm	50mm	R12	477	Available
L10LC (128)	Superficial Thyroid Breast Testes Small Part Peri.Arteries Carotid Orthopaedics Podiatry	B mode: 7.0/9.0/10/12.0/14.0 Color mode: 5.8/6.2/6.5/7.1 PW mode: 5.8/6.2/6.5 Harmonic: 7.0/9.0/10.0	9.5cm	38mm		589	Invalid
L8LC (128)	Thyroid Breast Testes Small Part Peri.Arteries Carotid Orthopaedics Podiatry Superficial Small Part (pen)	B mode: 5.0/6.6/7.5/10.0/12.0 Color mode: 5.6/6.2/7.5/8.2 PW mode: 5.0/5.7/6.2 Harmonic: 5.0/6.6/7.5	9.5cm	50mm		770	Available

## Product data

	Vessel(pen)						
L8LC (128)	Thyroid Breast Testes Small Part Peri.Arteries Carotid Orthopaedics Podiatry Superficial Small Part (pen) Vessel(pen)	B mode: 5.0/6.6/7.5/10.0/12.0 Color mode: 5.6/6.2/7.5/8.2 PW mode: 5.0/5.7/6.2 Harmonic: 5.0/6.6/7.5	9.5cm	38mm		589	Available
L10LC (128)	Thyroid Breast Testes Small Part Peri.Arteries Carotid Orthopaedics Podiatry Superficial Small Part (pen) Vessel(pen)	B mode: 7.0/9.0/10/12.0/14.0 Color mode: 6.5/7.0/7.5/8.3 PW mode: 6.5/7.0/7.5 Harmonic: 7.0/9.0/10.0	9.5cm	25mm		385	Invalid
U5LC	Urology	B mode: 4.0/4.7/5.5/6.2/7.0 Color mode: 3.2/4.0/4.7/5.5 PW mode: 4.0/4.7/5.5 Harmonic: 4.0/4.7/5.5	12.6cm	50mm		770	Available
Trans-vaginal probe							
V6LC	Gynecology 1 Trimester Urology	B mode: 4.0/5.0/6.0/7.0/9.0 Color mode: 4.2/5.0/5.7/6.5 PW mode: 5.0/5.7/6.5 Harmonic: 4.0/5.0/6.0	13.4cm	157°	R11	2002	Available
Trans-rectal probe							
ECBP (bi-plane probe)	Gynecology 1 Trimester Urology	B mode: 5.0/6.6/7.5/10.0/12.0 Color mode: 5.6/6.2/7.5/8.2 PW mode: 5.0/5.7/6.2 Harmonic: 5.0/6.6/7.5	9.5cm	183.4°	R10	2002	Available
Phased array probe							
P3FC	Cardiology Cardiology (pen) Abdomen	B mode: 1.7/2.0/2.5/3.3/4.0 Color mode:	30.8cm	20mm		1112	Invalid

## Product data

	TCD	1.5/2.0/2.5/3.0 PW mode: 1.5/2.0/2.5 CW mode: 2.0 Harmonic: 1.7/2.0/2.5					
P5FC	Cardiology Cardiology (pen) Abdomen TCD	B mode: 4.0/4.7/5.5/6.2/7.0 Color mode: 2.8/3.5/4.2/5.0 PW mode: 3.5/4.2/5.0 CW mode: 5.0 Harmonic: 4.0/4.7/5.5	14.2 cm	10mm		1112	Invalid
P3FC	Cardiology Cardiology (pen) Abdomen	B mode: 1.7/2.0/2.5/3.3/4.0 Color mode: 1.5/2.0/2.5/3.0 PW mode: 2.0/2.5/3.0 CW mode: 2.0 Harmonic: 1.7/2.0/2.5	30.8cm	16mm		1112	Invalid

