Specifications:

- Imaging technology: Pulsed Inverted Harmonic Imaging, Filtering Harmonic Imaging, Harmonic Fusion Imaging, Multi-Beam Combining, Spatial Compensation, Adaptive Blur Suppression.
- Imaging mode: A / D Converting to 60M Hz, Sampling rate, point by point dynamic focus and dynamic aperture technology, synthetic aperture technology.
- Imaging modes: B, M, Color Doppler, Power Doppler imaging (PDI), Pulse Wave (PW), Anatomy M-mode imaging, Blood flow motion mode imaging (MCI), Wide-field imaging, elastography, strain rate imaging, B/W Doppler imaging (TDI), Directional Power Doppler imaging (DPDI), parallel-magnification imaging, trapezoidal imaging, B / C / D real-time tripod imaging, real-time four-dimensional imaging (4D) (optional), Continuous Wave Doppler imaging (CWD) (optional).
- Imaging display modes: B, B + 60M Hz, B + 90M Hz, B + Color, B + PWI, B + DPDI, B + PW, B + Color + PWI, B + PW, B + DPDI + PW, B + PWI with DPDI dual real-time, B / D / PDI / DPDI dual real-time, B / D / PWI with DPDI dual real-time.
- Transducers: Curvilinear probe, Linear probe, Intracavity probe, Micro-convex probe, Cardiac probe, 4D Abdominal probe, 4D Intracavity probe.
- Transducer frequency and frequency conversion: 2.0-12.0MHz, B / M mode 5 files, fundamental frequency + 2 files harmonic frequency. Color mode 5 files, PW mode 2 files.
- Transducer connector: 4.
- Time-echo: 8 mode ≥ 1000 frames, Color and PWI mode ≥ 500 frames, time-line mode (M, PW) ≥ 200s.
- Image magnification: Real-time Sut (B, C, D), Status or Level 5 magnification in Freeze status.
- Image storage: JPEG, BMP and AVI, local storage, DICOM, conform DICOM 3.0 standards.
- Built-in workstation: support for large-capacity hard disk (≥ 500GB), support for patient data retrieval and browsing.
- Multilanguage support: Chinese / English operating system, support for other languages according to user requirements, full screen Chinese and English annotation input.

- Imaging specification:
  B mode: grayscale mapping ≥ 20 files, pseudo color ≥ 6 files, noise suppression ≥ 6 files, frame correlation ≥ 6 files, edge enhancement ≥ 6 files, speckle suppression ≥ 6 files, image style adjustable.
  Color composite: three modes adjustable. Power sound adjustable, Dynamic range adjustable, High and low scanning density adjustable, Image flip-up and down adjustable, maximum scanning depth ≥ 360mm.
  PW mode: SW size 0.5-3.0mm adjustable, PRF≥32 files 0.2Hz - 20Hz adjustable, Sweep-Sweep ≥ 25 files adjustable, Comamon Angle -72° ~ 72° Step 2°, baseline position adjustable, wall filter ≥ 8 files adjustable, Doppler sound ≥ 10 files, smooth ≥ 4 files, sound power adjustable, frequency adjustable.
  Color / PWI / DPDI mode: PRF≥32 files 0.2Hz - 20Hz adjustable, color map ≥ 20 kinds, frame correlation ≥ 4 files, smooth ≥ 2 files, linear density in low, medium and high adjustable, frequency adjustable, sound power adjustable, frame rate adjustable, wall filter ≥ 8 files, bidirectional flow priority ≥ 5 files, sampling packets 0.1°/0°/1°/2°/0°/4, speed through ≥ 8 files, B suppression ≥ 6 files.

- Measurement and calculation:
  B / C Mode Routine Measurements: Distance, Area, Perimeter, Ellipses, Crosshairs, Volume, Volume (Ellipses), Angle, Area Ratio, Distance Ratio, Joint Angle.
  M mode Routine measurements: time, slope, heart rate, distance.
  Doppler mode Routine measurements: heart rate, flow rate, acceleration, resistance index, pulsatility index, automatic envelope, manual envelope, S / D, time.
  Obstetrics B, PW mode application measurement: including comprehensive obstetrical diameter measurement, weight, single gestational age, amniotic fluid index, etc.
  Gynecological B-mode application measurement: Heart B, M, PW mode application measurement.
  Vascular B, PW mode applications measure and support auto-measurement of carotid intima (MT).
  Small Organ B-mode application measurement.
  Abdominal B-mode application measurement.