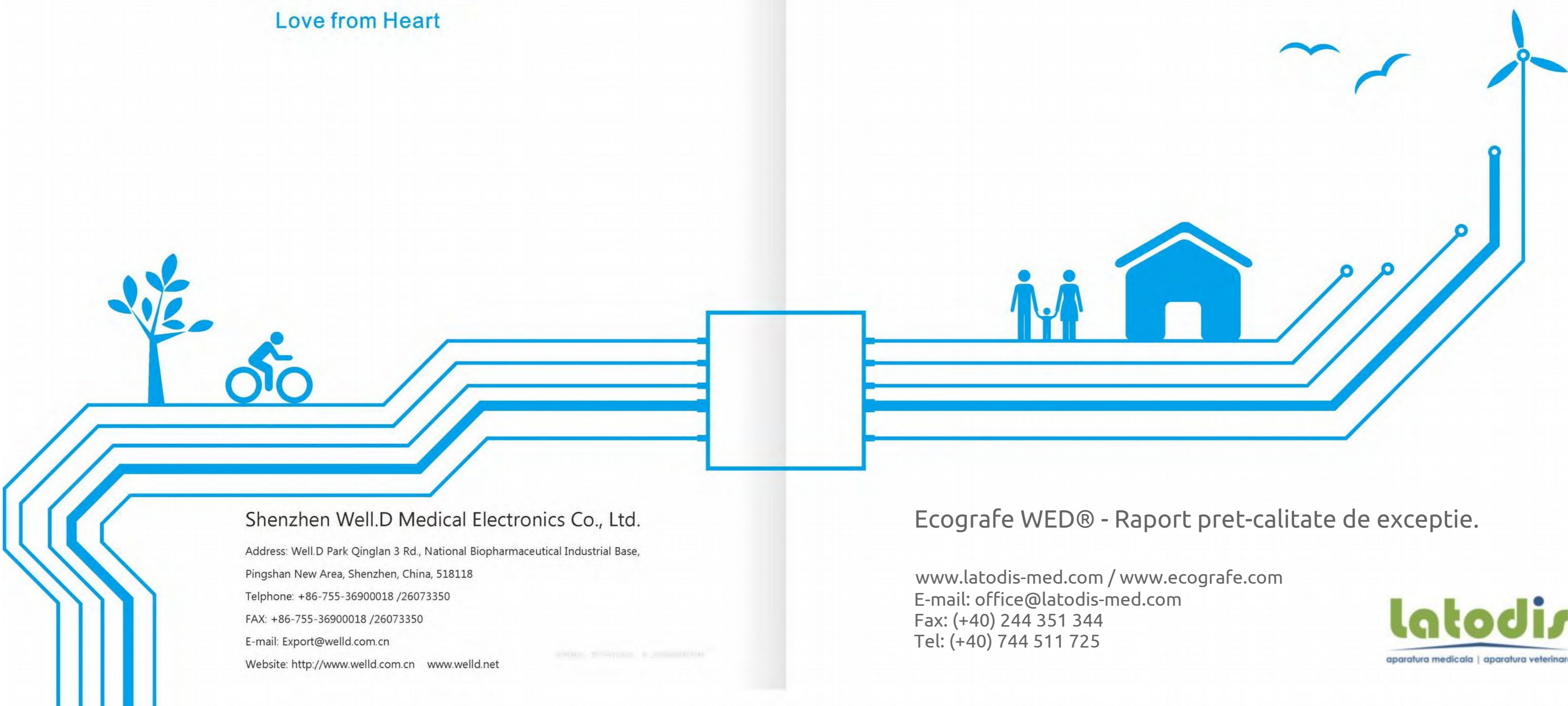# WELLD®

Love from Heart

PRODUCT CATALOGUE

WELLD®

Love from Heart

Shenzhen Well.D Medical Electronics Co., Ltd.

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E-mail: Export@welld.com.cn

Website: http://www.welld.com.cn   www.welld.net

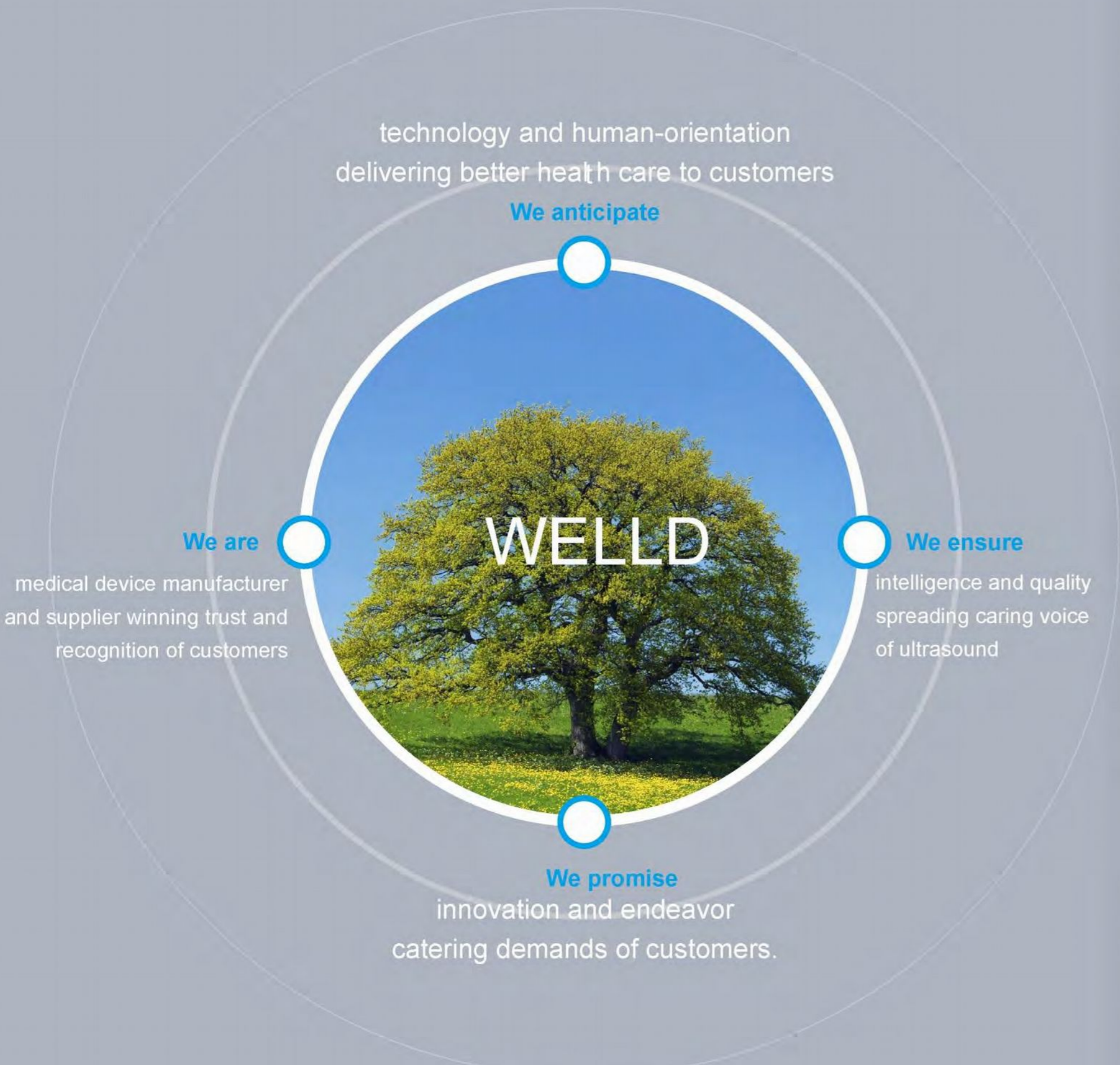Ecografe WED® - Raport pret-calitate de exceptie.

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latodis

aparatura medicala | aparatura veterinara

technology and human-orientation
delivering better health care to customers

We anticipate

We are

medical device manufacturer
and supplier winning trust and
recognition of customers

WELLD

We ensure

intelligence and quality
spreading caring voice
of ultrasound

We promise
innovation and endeavor
catering demands of customers.

Shenzhen Well.D Medical Electronics Co., Ltd.

Established in 1996, Shenzhen Well.D Medical Electronics Co., Ltd. is an expertise in manufacturing medical devices as well as a premier Chinese supplier offering ultrasound products and solutions.

Headquarter of Well.D

Located in the National Biopharmaceutical Industrial Base, Shenzhen Well.D Medical Electronics Co., Ltd. covers a land of 50,000 square meters with manufacturing center, R&D center, office center, staff quarters and complete facilities. Its registered capital is 150 million yuan.

As a national high-tech enterprise, Well.D has been dedicated with core technology R & D and innovation in the field of medical devices for nearly 19 years, with over 10 percent of its sales supporting a skilled R&D team to develop and better the products, and to strive to own completely independent intellectual property rights as well as a rich patent system. Its products range from ultrasound diagnostic systems, ultrasound therapeutic apparatus, ultrasound monitoring devices to other medical equipment. Due to advanced technology, excellent quality and reasonable price, Well.D brand products enjoy a world-wide reputation.

Firmly committed to the policy of "Base on professionalism, keep on innovation and focus on quality", Well.D attracts the eyebrows of customers from all over the world. Well.D finds itself serving over 100 countries as well as regions and its branch offices and service agencies emerging in big cities of China. The establishment of comprehensive service network greatly improves customer satisfaction, and better caters various demands of the rapidly-growing market.

In 2010, Well.D took the advantage of reconstruction, and became a wholly owned subsidiary of Zhejiang Hongda High-tech holding Co., Ltd., listing successfully (stock code: 002144). With the support of Hongda High-tech, Well.D develops rapidly. Well.D has been and will always be persisting firmly in innovation and striving to make itself a world brand featuring advanced technology, exquisite craft, excellent products and attentive service, so as to deliver better care to people all around the world.
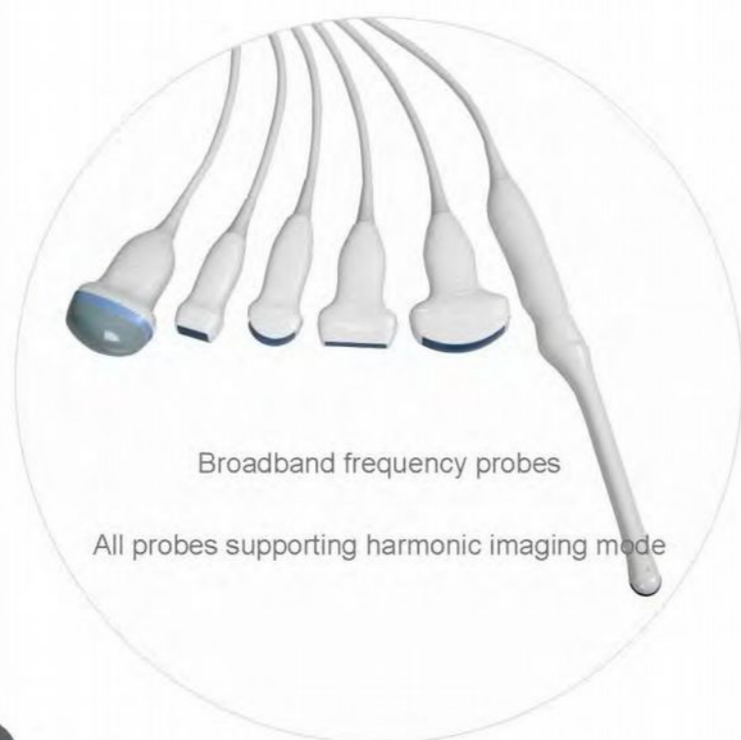
FDC**8100**

Full Digital Color Doppler Diagnostic System

Clinical application

For clinical diagnosis of abdomen, obstetrics, gynecology, cardiology, small organs, superficial blood vessels, musculoskeletal, ophthalmology, anesthesiology, urology, neurosurgery and other specialist clinics.

Broadband frequency probes

All probes supporting harmonic imaging mode

· Excellent ergonomic design

· Four probe connectors, free probe switching, hot-swapping available

· 19 inch LCD monitor supporting 180 ° free adjustment

· DVD-RW

· World-advanced ultrasound platform and architecture

· Pulse inversion harmonic imaging technology

· A continuous transmit focus at every pixel

· Freehand 3D & 4D imaging technology

· Sparse transmit & multi-beam parallel processing technology

· Synthetic aperture beam-forming technology

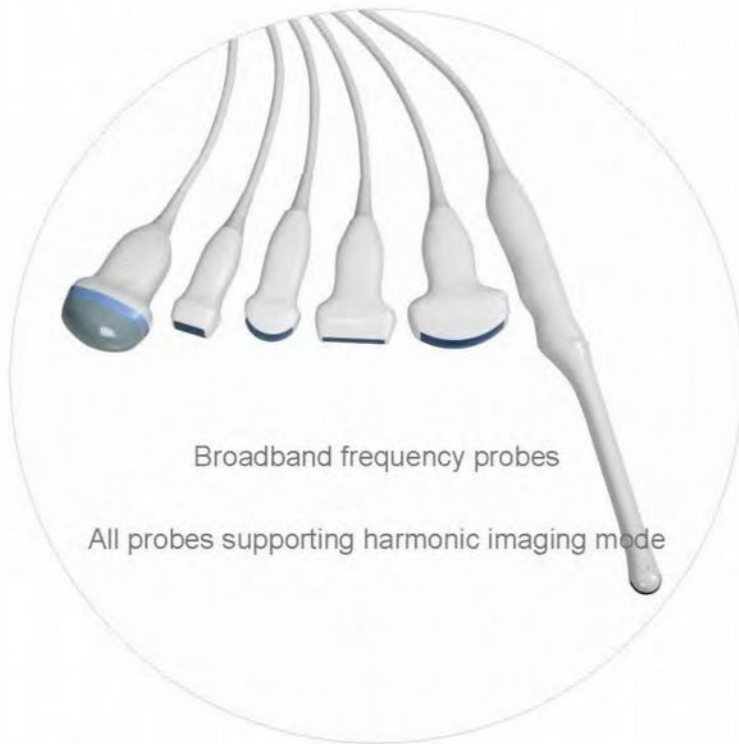· Speckle noise suppression technology
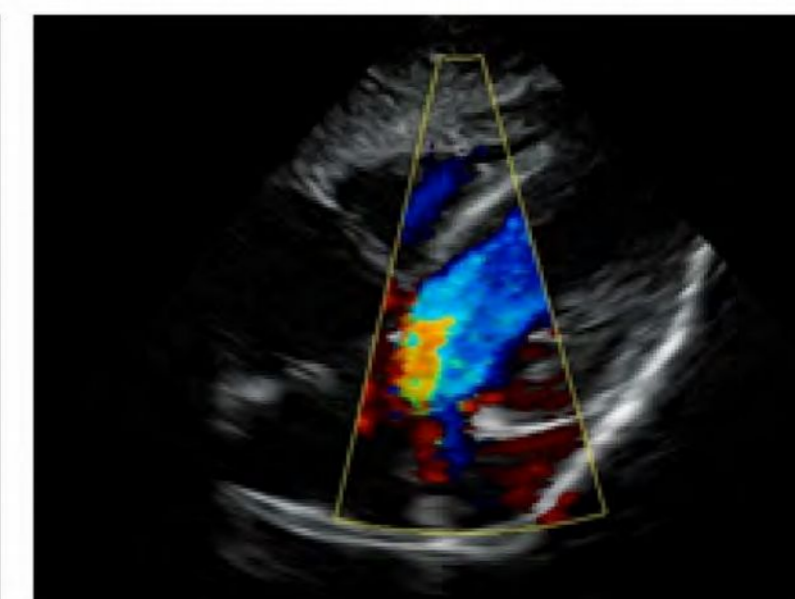
FDC**6100**

Full Digital Color Doppler Diagnostic System
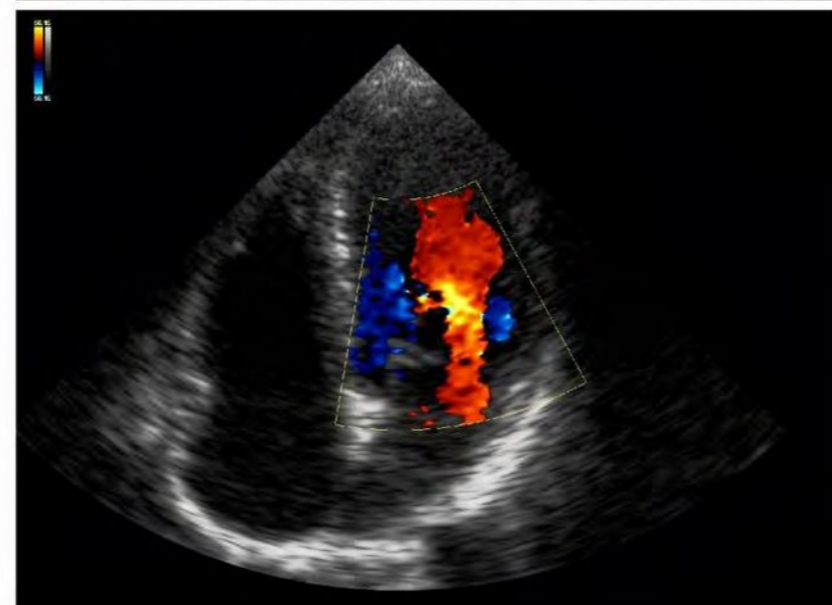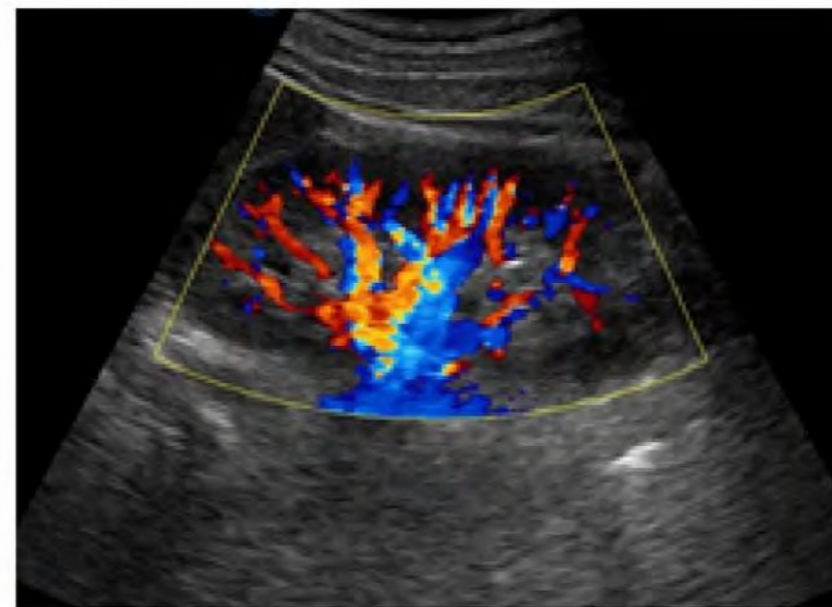
Clinical application

For clinical diagnosis of abdomen, obstetrics, gynecology, cardiology, small organs, superficial blood vessels, musculoskeletal, ophthalmology, anesthesiology, urology, neurosurgery and other specialist clinics.

Broadband frequency probes

All probes supporting harmonic imaging mode

· World-advanced ultrasound platform and architecture

· Pulse inversion harmonic imaging technology

· A continuous transmit focus at every pixel

· Freehand 3D & 4D imaging technology

· Sparse transmit & multi-beam parallel processing

· technology

Synthetic aperture beam-forming technology

Speckle noise suppression technology

· Excellent ergonomic design

· Three probe connectors, free probe switching, hot-swapping available

· Optional lithium battery

· Optional trolley cart

FDC**8000**

Full Digital Color Doppler Diagnostic System

Clinical application

For clinical diagnosis of abdomen, obstetrics, gynecology, cardiology, small organs, superficial blood vessels, musculoskeletal, ophthalmology, anesthesiology, urology, neurosurgery and other specialist clinics.

- World-advanced ultrasound platform and architecture
- Sparse transmit & multi-beam parallel processing technology
- Pulse inversion harmonic imaging technology
- Synthetic aperture beam-forming technology
- A continuous transmit focus at every pixel
- Speckle noise suppression technology
- Freehand 3D & 4D imaging technology
- 15 inch LCD screen
- Three probe connectors, free probe switching, hot-swapping available

FDC**6000**

Full Digital Color Doppler Diagnostic System

Clinical application

For clinical diagnosis of abdomen, obstetrics, gynecology, cardiology, small organs, superficial blood vessels, musculoskeletal, ophthalmology, anesthesiology, urology, neurosurgery and other specialist clinics.

- 12.1 inch LCD screen
- Two probe connectors, free probe switching, hot-swapping available
- World-advanced ultrasound platform and architecture
- Sparse transmit & multi-beam parallel processing technology
- Pulse inversion harmonic imaging technology
- Synthetic aperture beam-forming technology
- A continuous transmit focus at every pixel
- Speckle noise suppression technology
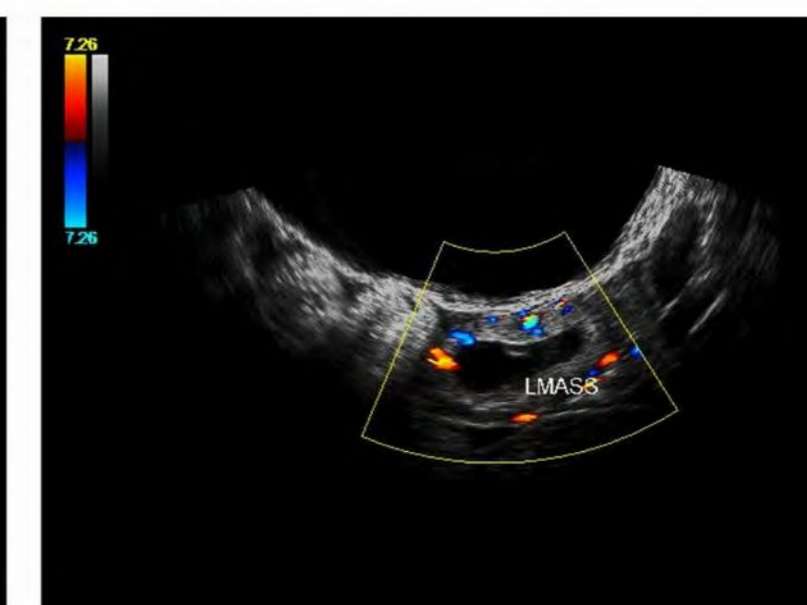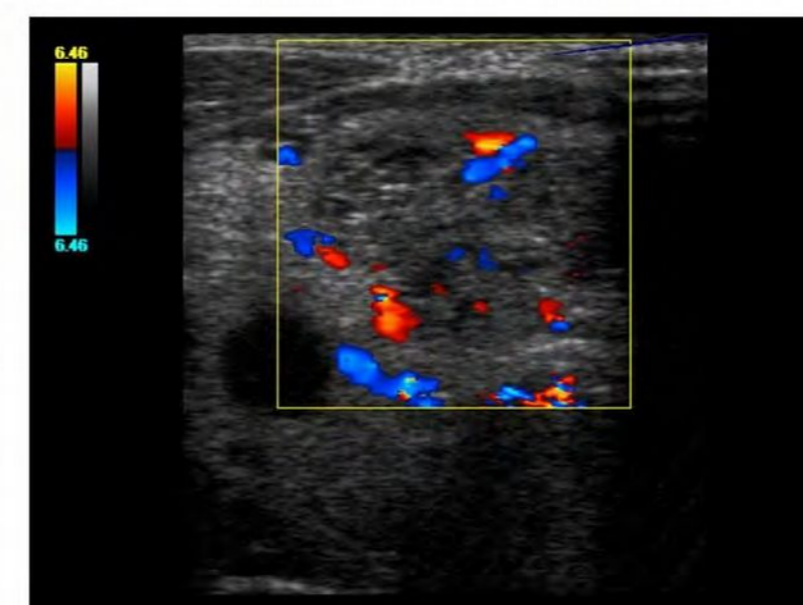
WED-**160**

Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of abdomen, obstetrics, gynecology, small organs, urology and cardiovascular

Machine parameters

- PC based Windows operation system
- Scanning mode: convex array, micro - convex array, linear array
- Image format: BMP、JPG、DCM、TIF optional, Internal hard disk: minimum 160G
- Image processing: image rotation, edge enhancement, tissue harmonic, image enhancement, scanning line density, M rate, frame correlation, gamma correction, histogram
- Zoom: minimum 5 times
- Graphic case management system: with functions of addition, inquiry, modification, and report generation
- Scanning depth: minimum250mm

WED-**180**

Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of abdomen, obstetrics, gynecology, small organs, urology and cardiovascular

Machine parameters

- Scanning mode: electronic linear array, electronic convex array
- Probe connectors: 2
- Image Storage: minimum 64 frame; supporting external U disk
- Scanning depth: maximum 250mm
- Image adjustment: black and white, left and right, up and down, brightness, scanning line density, dynamic range, focus number, focus distance, focus position, frame correlation, M speed, sound power
- Image processing: image smoothing and sharpening, tissue harmonic, gamma correction, histogram,pseudo color
- Measurement: distance, perimeter, area, volume, heart, gestational age, due date, fetal weight
- Report: automatic report generation of abdomen, urinary, obstetric, and cardiac diagnosis

WED-**9618**

B mode ultrasound scanner

Clinical application

For ultrasonography of abdomen and pregnancy

Machine parameters

- Scanning mode: Electronic linear array, electronic convex array
- Cine loop: minimum 400 frame
- Image storage: minimum 32 frame
- Scanning depth: minimum 250mm
- Scanning angle: visual and adjustable
- Display mode: B、B+B、B+M、B+M/M、M、4B
- Interface: free language switching between Chinese and English
- TGC adjustment: independent regulation of near field, far field and gain
- Focus adjustment: focus number, focus distance, focus position
- Image processing: black and white, gamma correction, edge enhancement, histogram
- Real-time depth: 16 levels adjustable
- Zoom: minimum twofold

WED-660

Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of abdomen, obstetrics, gynecology, small organs, superficial organs, urology, cavity, cardiology and cardiovascular

Machine parameters

- PC based Windows operation system
- Scanning mode: electronic linear array, electronic convex array
- Image format: BMP、JPG、DCM、TIF
- Internal hard disk: minimum 160G
- Scanning depth: minimum 250mm
- Display-view angle: minimum 152 degree
- Image processing: edge enhancement, tissue harmonic, scanning line density, gamma correction, histogram
- Pseudo color: minimum 10
- Image enhancement: minimum 7

WED-9618C

B Mode Ultrasound Scanner

Clinical application

For ultrasound diagnosis of liver, gallbladder, spleen, kidney, pancreas, cardiology, bladder, uterine and accessories, and small organs.

Machine parameters

- Scanning mode: electronic linear array, electronic convex array
- Cine loop: minimum 400 frame
- Image storage: minimum 32 frame
- Scanning depth: minimum 250mm
- Scanning angle: visual and adjustable
- Display mode: B、B+B、B+M、B+M/M、M、4B
- Interface: free language switching between Chinese and English
- TGC adjustment: independent regulation of near field, far field and gain
- Focus control: focus number, focus distance, focus position adjustment
- Image processing: black and white, gamma correction, edge enhancement, histogram
- Real-time depth: 16 levels adjustable
- Zoom: minimum twofold

WED-9618CII

Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of abdomen, obstetrics, gynecology, small organs, superficial organs, urology, cavity, cardiology and cardiovascular

Machine parameters

- Scanning mode: electronic linear array, electronic convex array
- Probe connectors: minimum 2
- Cine loop: minimum 500 frame
- Image storage: 64 frame, supporting U disk storage
- Probe frequency adjustment: minimum 3 levels
- Interface: free language switching between Chinese and English
- Report : automatic report generation of abdomen, urinary, obstetric, and cardiac diagnosis
- External interface: Video, RS-232, USB

WED-**3100**

Laptop Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of liver, gallbladder, renal, pancreatic, bladder, uterus and accessory, and pregnancy

Machine parameters

- Scanning mode: electronic linear array, electronic convex array
- Working frequency of probe: 2.0MHz-8.5MHz
- Cine loop: minimum 400 frames
- Image storage: minimum 64 frames, non-volatile
- Image adjustment: left and right, up and down, brightness,contrast, focus position
- Image processing: pseudo color, image smoothing, histogram, gamma correction
- Measurement: routine measurement: distance, perimeter, area, volume
- Obstetric measurement: biparietal diameter and femur length, head circumference, abdominal circumference, crown rump length, gestational sac, last menstrual period, gestation age and due date

WED-**2018**

Laptop Full Digital Ultrasound Diagnostic System

Clinical application

For ultrasonography of abdominal organs and pelvic organs

Machine parameters

- Scanning mode: electronic linear array, electronic convex array
- Cine loop: minimum 500 frames
- Scanning depth: minimum 240mm, 16 levels adjustable
- Display mode: B、B+B、B+M、B+M/M、M、4B
- Focus adjustment: focus number, focus distance, focus position
- Image adjustment: up and down, left and right, black and white
- Image processing: image smoothing and sharpening, tissue harmonic, gamma correction, histogram, pseudo color
- Real-time depth: 16 levels adjustable, zoom supported
- Annotation: date, clock, name, medical record number, sex, age, doctor, hospital, full-screen character editor, body mark, position indicator

WED-**3000**

Laptop Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of liver, gallbladder, renal, pancreatic, bladder, uterus and accessory, and pregnancy

Machine parameters

- Working frequency of probe: 2.0MHz-8.5MHz
- Cine loop: minimum 400 frames
- Image storage: minimum 64 frames
- Image adjustment: left and right, up and down, brightness, contrast, focus position
- Image processing: pseudo color, image smoothing, histogram, gamma correction
- Measurement: routine measurement: distance, perimeter, area, volume
- Obstetric measurement: biparietal diameter and femur length, head circumference, abdominal circumference, crown rump length, gestational sac, last menstrual period, gestation age and due date
- Report: automatic report generation

WED-**2000**

Palm-size Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of liver, gallbladder, renal, pancreatic, bladder, uterus and accessory, pregnancy

Machine parameters

- Scanning mode: mechanical sector scanning
- Working frequency of probe: 2.5MHz、3.5MHz、5.0MHz
- Display mode: B、B+B、B+M、M
- Measurement: distance, perimeter, area, volume, heart rate, gestational age, due date, fetal weight
- Battery capacity: minimum 2200mAh
- Image processing: image smoothing, pseudo color, histogram
- Image storage: minimum 128 frames

WED-**100**

Full Digital Ultrasound Therapeutic Apparatus

Clinical application

For adjuvant therapy of cardiovascular disease, hyperlipidemia, stroke-sequelae limb movement disorder, soft tissue contusion

Machine parameters

- Working mode: pulse
- Rated output power: 5.0W
- Input power: 30VA
- Screen: 3.5 inch LCD screen
- Working frequency of sound wave: 1.0 MHz
- Beam type: collimation

WED-**2000**A

Palm-size Full Digital Ultrasound Diagnostic System

Clinical application

For clinical ultrasonography of liver, gallbladder, renal, pancreatic, bladder, uterus and accessory, pregnancy

Machine parameters

- Scanning mode: mechanical sector scanning
- Working frequency of probe: 2.5MHz、3.5MHz、5.0MHz
- Display mode: B、B+B、B+M、M
- Measurement: distance, perimeter, area, volume, heart, gestational age, due date, fetal weight
- Battery capacity: minimum 2200mAh
- Image processing: image smoothing, pseudo color, histogram
- Image storage: minimum 128 frames
- Annotation: name, age, sex, date and time, hospital, language, full-screen character editor

WED-300

Full Digital Ultrasound Therapeutic Apparatus

Clinical application
For adjuvant therapy of cardiovascular disease, hyperlipidemia, stroke-sequelae limb movement disorder, soft tissue contusion

Machine parameters

- Power adaptation: a.c.100V ~ 240V, 50/60Hz
- Power loss: maximum 100VA
- Working modes of treatment probe: pulse and continuous modes optional and adjustable
- Ultrasonic frequency: 1MHz±10%
- Ultrasonic output power: maximum 3W/cm2
- Effective ultrasound wave intensity: 0.25-2.5W/cm2,
- 10 levels adjustable
  Treatment time: 1-30min, 6 levels adjustable

WED-300C

Full Digital Ultrasound Therapeutic Apparatus

Clinical application
For adjuvant therapy of cardiovascular disease, hyperlipidemia, stroke-sequelae limb movement disorder, soft tissue contusion

Machine parameters

- Monitor:15-inch or larger LCD monitor
- Power loss: maximum 200VA
- Working modes of treatment probe: pulse and continuous modes optional and adjustable
- Ultrasonic frequency: 1MHz±10%
- Ultrasonic output power: maximum 3W/cm2
- Probe connectors: 4

mECG-101/102

Portable ECG Tester

Clinical application
For self-monitoring, recording and playing back on heart rate and ECG waveform of adult users

Machine parameters

Detection mode: ECG mode & HR mode
Acquisition modes: finger acquisition, lead-wire acquisition
ECG lead: Single lead, I, II, III limb lead, CC5 chest lead
Sampling rate: 512Hz
Frequency response range: 0.67~40Hz
Heart rate range: 30 ~ 240bpm
Waveform display sensitivity: 5.0mm/mV, 10.0mm/mV, 20.0mm/mV
Waveform scanning speed: 25mm / s, 50mm / s
Length of recording time: 30 seconds to 12 hours per time
Storage capacity based on remaining capacity of smart - phone SD card

Smart platform applicable: Android platform for smart phones, tablets
Data transmission: wireless data transmission
Operating mode: real-time acquisition and display of ECG waveform; multi-task running in the background

User management: multi-user available, including clinical assistant heart rate information, continuous heart rate display, heart rate status showed by 3 different colors, ECG data review, holographic review of current-user ECG waveform data listed, holographic display of ECG waveform details
Explanatory note: 21 kinds of ECG explanatory notes
Trends display: multiple measurements of heart rate
Data exchange: supporting sending and receiving data via intelligent platform
Help information: integrated help information for better using the main functions
Cardiac health knowledge: common knowledge of cardiac health