ALGAMED INDUSTRY
MEDICAL DEVICES

Ultrasound Ecography

Ultrasound / Ecography

CHISON IVIS 60

Ecocolourdoppler - 15" flat high resolution monitor in VGA format.

Technical Specifications

Imaging mode

- B, 2B, 4B, B/M
- CFM, B / BC
- PW mode, HPRF
- Power Doppler / Directional PD
- Instant triplex, duplex
- Chroma B / PW / CW

Image processing technology

- THI on all probes
- Speckle reduction algorithm (SRA)
- Multiple compound imaging (MCI)

Wideband multi-frequency probes

- Continuously adjustable, 2-13 MHz
- Operating voltage 110V-220Va

Standard Accessories

- 3 probe connectors
- Trolley
- Keyboard
- Without probes
- Large image storage of 160GB Hard Disk
- 2 port USB
- DVD-RW

Ultrasound / Ecography

CHISON IVIS 60 4D

Ecocolourdoppler - 15" flat high resolution monitor with 4D real time imaging composed of 3D pictures with the addition of live motion and probe 4D convex.

Technical Specifications

Imaging mode

- B, 2B, 4B, B/M
- CFM, B / BC
- PW mode, HPRF
- Power Doppler / Directional PD
- Instant triplex, duplex
- Chroma B / PW / CW

Image processing technology

- THI on all probes
- Speckle reduction algorithm (SRA)
- Multiple compound imaging (MCI)

Wideband multi-frequency probes

- Continuously adjustable, 2-13 MHz
- Operating voltage 110V-220Va

Standard Accessories

- 3 probe connectors
- Trolley
- Keyboard
- Without probes
- Large image storage of 160GB Hard Disk
- 2 port USB
- DVD-RW

Ultrasound / Ecography

Sonotouch 20

Lightweight, portable, small size, touchscreen ultrasound devices.

Main Features

- Display mode: B, B/B, 4B, B/M, M and Colour mode. In the M or B/M mode, 4 steps sweep speeds.
- Multi-step display magnification, depth enhancement
- Setting adjustment of total gain, and 8 segments of TGC slides for selection and adjustment
- Multifocal firing focus, edge enhancement, frame averaging, compound
- Image freezing and storage function, built-in 16 GB high-speed memory and external USB memory disk can be connected to the system for mass storage through USB port. Stored images can be retrieved for analysis.
- 256 frames of real-time images can be stored in Cine-memory
- Probe scanning direction can be changed and the image can be reversed in left/right, up/down direction
- Measurements of distance, area, circumference, volume, OB etc. Automatic calculation of OB and cardiology. Direct display of gestation age, expected date of child delivery and direct measure of heart rate
- Real-time clock displays date and time automatically
- Display of body marks with corresponding probe position indication
- Annotation function in image area of the screen. Special annotation terms for different exam-mode can be added according to user's requirement
- Battery operated, battery life up to 2.5 hours

Technical Specifications

- Button free screen and waterproof front panel
- Select your applications from visual icons
- Take measure with your fingers, no trackball (accuracy 1 mm)
- Adjustable angle stand converts into carrying handle
- Refine the image with easy, touch driven TGG, focus and depth

Ultrasound / Ecography

CHISON Q5

CHISON Q5 Colourdoppler is a portable digital colour Doppler with high professional features.

Technical Specifications

Imaging mode

- B, 2B, 4B, B/M
- PD, directional PD
- B/BC, CFM-TSS
- Instant triplex, duplex
- PW, HPRF, CW
- Chroma B / M / PW / CW

Image processing technology

- Double phase digital beam forming (DPDBF)
- THI on all probes
- Speckle reduction algorithm (SRA)
- Multiple compound imaging (MCI)
- Operating voltage: 110V - 230V, 50-60 Hz

Standard Accessories

- with 2 probe connector
- 15" high resolution monitor
- 80GB Hard Disk
- 2 USB port
- VGA port
- without probe

Ultrasound / Ecography

CHISON Q8

CHISON Q8 Colourdoppler is a portable 4D real time imaging Doppler with high professional features.

Technical Specifications

Imaging mode

- B, 2B, 4B, B/M
- PD, directional PD
- B/BC, CFM-TSS
- Instant triplex, duplex
- PW, HPRF, CW
- Chroma B/M/PW/CW

Image processing technology

- Double phase digital beam forming (DPDBF)
- THI on all probes
- Speckle reduction algorithm (SRA)
- Multiple compound imaging (MCI)
- Operating voltage: 110V - 230V, 50-60 Hz

Standard Accessories

- with 2 probe connector
- 15" high resolution monitor
- 160GB Hard Disk
- 2 USB port
- VGA port
- without probe
- cardiac package

Ultrasound / Ecography

CMS 280C

Main Features

- Advanced probe technology and special protection for probe
- Various image process function:
- 4 background colour for adjustment
- 8 degree dynamic range
- 8 degree boundary enhancement
- 4 for adjustment
- 4 framed of correlation
- Option: Multi-frequency probe, transvaginal probe, 7.5MHz Linear probe, Cine loop memory, double sockets

Technical Specifications

- Measuring
- Distance
- Circumference
- Area
- Volume
- Heart rate
- Pregnant week
- Foetal weight

Character display

- ID number
- Time
- Date
- Body make
- probe position,
- Focus
- Frame rate
- Zoom
- Gray scale
- Puncture guide line
- Menu

Zoom

- ×1
- ×1.2
- ×1.5
- ×2 (according to the selected probe)

Ultrasound / Ecography

CMS 600A

This equipment is high resolution ultrasound scanner. It adopts 4-sector dynamic focusing and digital scan converter (DSC), dynamic logarithm compress, TGC control and wave filtering, high-frequency beam-former. The device has been widely used in examining abdomen and obstetrics, urology, cardiology, gynaecology, small parts etc, in various hospitals at all level.

Main Features

- Optional wide-frequency electronic convex array probe, electronic linear array probe and transvaginal probe
- The image can be uploaded to computer through the USB port
- The machine software can be upgraded by U-disk, and store or load image on the U-disk
- Light-touch keyboard and trackball
- Direct operation keys for easy and quick operation
- This device is attractively designed, plastic injection, small-sized, lightweight

Technical Specifications

Standard configuration

- 3.5 MHz Convex Probe; Probe Frequency: 2.5-5.0 MHz; Applications: Abdominal organs examination

Optional configuration

- 6.5 MHz HF Linear Probe; Probe Frequency: 5.0-7.5 MHz;
  Applications: Small part examination
- 6.5 MHz Transvaginal Probe; Probe Frequency: 5.0-7.5 MHz;
  Applications: Obstetrics and gynaecology examination

Main Performance

- Display mode: B, 2B, BM, M
- Image gray scale: 256 Scale
- Monitor size: 10 Inch CRT
- Depth of penetration: ≥ 170 mm
- Dead zone: ≤ 4 mm
- Geometric: Horizontal ≤ 4 %; Vertical ≤ 4 %
- Resolution: Lateral ≤2 mm, Axial ≤1 mm
- Measurement: Distance, area, volume(ellipse method), heart rate, slope, weight and Obstetrics
- Image conversion: Up/down, left/right, black/white
- Image storage: 16 Frame
- Cine loop: 256 Frame
- Body mark: 38
- Software: Obstetrics, gynaecology, urology, cardiology
- Interface: USB2.0, VIDEO

Physical Identity

- Dimension: 335mm (L) × 465mm (W) × 380mm (H)
- Weight: 12 kg

Ultrasound / Ecography

CMS 600B

The CMS600B ultrasound diagnostic system is a portable type. The images displayed by the system are crystal clear, stable and with high resolution due to adopting the latest techniques, such as continuously variable aperture, automatic multi-stage focusing, TGC, dynamic filtering, image edge enhancement, frame correlation, 256 gray scales image display, wide dynamic range and wide-band low noise preamplifiers, logarithmic compression etc. The system can be used for obstetrics examination and diagnosis of abdominal organs, and other small parts.

Main Features

Portable and attractive plastic injection design: small-sized and lightweight, with clip. Finer image display and higher resolution due to the application of the latest technologies. Easy operation with newly designed keyboard. Screen filter ensuring a comfortable operation. Supporting the variety's probe and four kinds of scan center frequency.

Technical Specifications

Standard configuration

- 3.5 MHz Convex Probe; Probe Frequency: 2.5-5.0 MHz; Applications: Abdominal organs examination

Optional configuration

- 3.2 MHz Micro-Convex Probe; Probe Frequency: 2.0-5.0 MHz; Applications: Cardiology examination
- 7.5 MHz HF Linear Probe; Probe Frequency: 6.5-8.5 MHz; Applications: Small part examination
- 6.5 MHz Transvaginal Probe; Probe Frequency: 5.0-8.0 MHz; Applications: Obstetrics and gynecology examination
- 7.5 MHz Endorectal Linear Probe; Probe Frequency: 6.0-6.9 MHz; Applications: Animal examination
- 5.0MHz Linear Probe; Probe Frequency: 4.06.0 MHz; Application: Animal examination

Main Performance

- Display mode: B, 2B, BM, M, 4B
- Image gray scale: 256 Scale
- Monitor size: 10 Inch CRT
- Depth of penetration: ≥ 170 mm
- Dead zone: ≤ 4 mm
- Geometric: Horizontal ≤ 10 % Vertical ≤ 5 %
- Resolution: Lateral ≤3mm (Depth≤80) ≤4 mm(80＜Depth≤130)
- Axial ≤1 mm(Depth≤80) ≤2 mm(80＜Depth≤130)
- Image conversion: Up/down, left/right, black/white
- Image storage: 192 Frame
- Cine loop: 1024 Frame
- Body mark: 35
- Software : Obstetrics
- Interface: USB2.0, VIDEO, VGA, COM
- Measurement: Distance, circumference, area, volume, heart rate and obstetrics

Physical Identity

- Dimension: 300mm (L) × 404mm (W) × 262mm (H)
- Weight: 9.6 kg

Ultrasound / Ecography

CMS 600B-2

This equipment is high resolution linear/convex ultrasound scanner. It adopts micro-computer control and digital scan converter (DSC), digital beam-forming (DBF), real time dynamic aperture (RDA), real time dynamic receiving apodization, real time dynamic receiving focusing (DRF), digital frequency scan (DFS), frame correlation technologies. The device is suitable for ultrasonic examination on abdominal, obstetric, cardiac, small parts.

Main Features

PAL-D video output offers connection to external video image printer and big display and other equipments. High speed USB port provides real time image transfer to the PC. Adoption of folded soft push keyboard and trackball provides immediate, convenient and flexible operation. Field programmable gate array and surface mounted technology make this equipment compact and light in weight. Jet molding enclosure and portable structure.

Technical Specifications

Standard configuration

3.5 MHz Convex Probe	Probe Frequency: 2.5-5.0 MHz	Applications: Abdominal organs examination

Optional configuration

7.5 MHz HF Linear Probe	Probe Frequency: 6.5-8.5 MHz	Applications: Small part examination
5.0 MHz Micro-Convex Probe	Probe Frequency: 4.0-5.5 MHz	Applications: Cardiology examination
6.5 MHz Transvaginal Probe	Probe Frequency: 5.5-7.5 MHz	Applications: Obstetrics + gynaecology examin.
6.5 MHz Endorectal Linear Probe	Probe Frequency: 5.0-7.5 MHz	Applications: Animal examination

Main Performance

- Display mode: B, B/B, BM, M, B+M/M,4B
- Image gray scale: 256 Scale
- Monitor size: 10 Inch CRT
- Depth of penetration: 40mm-240mm
- Dead zone: ≤ 3 mm
- Geometric: Horizontal ≤ 15 % Vertical ≤ 10 %
- Resolution: Lateral ≤2 (Depth≤80) ≤3 (80＜Depth≤130); Axial ≤1mm (Depth≤80)
- Image conversion: Up/down, left/right, black/white
- Image storage: 64 Frame
- Cine loop: ≥ 500 Frame
- Body mark: 40
- Software: Obstetric, cardiology
- Interface: USB2.0, VIDEO, COM
- Measurement: Distance, circumference, area, volume, heart rate, GA, FW, EDD

Physical Identity

- Dimension: 291mm (L) × 365mm (W) × 300mm (H)
- Weight: 6.4 kg

Qualification

- Passed CE

Ultrasound / Ecography

CMS 600B-3

This equipment is high resolution linear/convex ultrasound scanner. It adopts micro-computer control and digital scan converter (DSC), digital beam-forming (DBF), real time dynamic aperture (RDA), real time dynamic receiving apodization, real time dynamic receiving focusing (DRF), digital frequency scan (DFS), frame correlation technologies. The device is suitable for ultrasonic examination on abdominal, obstetric, cardiac, small parts.

Main Features

PAL-D video output offers connection to external video image printer and big display and other equipments. High speed USB port provides real time image transfer to the PC. Adoption of folded soft push keyboard and trackball provides immediate, convenient and flexible operation. Field programmable gate array and surface mounted technology make this equipment compact and light in weight. Jet molding enclosure and portable structure.

Technical Specifications

Standard configuration

3.5 MHz Convex Probe	Probe Frequency: 2.5-5.0 MHz	Applications: Abdominal organs examination

Optional configuration

7.5 MHz HF Linear Probe	Probe Frequency: 6.5-8.5 MHz	Applications: Small part examination
5.0 MHz Micro-Convex Probe	Probe Frequency: 4.0-5.5 MHz	Applications: Cardiology examination
6.5 MHz Transvaginal Probe	Probe Frequency: 5.5-7.5 MHz	Applications: Obstetrics + gynaecology examin.

Main Performance

- Display mode: B, B/B, B/M, M, 4B,B+M/M
- Image gray scale: 256 Scale
- Monitor size: 12.1 Inch LCD
- Depth of penetration: 40 mm-240 mm
- Dead zone: ≤ 3 mm
- Geometric: Horizontal ≤ 15 % Vertical ≤ 10 %
- Resolution: Lateral: ≤2mm (Depth≤80) ≤3mm (80＜Depth≤130); Axial: ≤1mm (Depth≤80)
- Image conversion: Up/down, left/right, black/white
- Image storage: 64 Frame
- Cine loop: ≥500 Frame
- Body mark: 40
- Software: Obstetric, cardiology
- Interface: USB2.0, VIDEO, COM
- Measurement: Distance, circumference, area, volume, heart rate, GA, FW, EDD

Physical Identity

- Dimension: 304mm (L) × 222mm (W) × 289mm (H)
- Weight: 6.1 kg

Qualification

- Passed CE

Ultrasound / Ecography

CMS 600C

The CMS600C ultrasound diagnostic system is a trolley type. The images displayed by the system are crystal clear, stable and with high resolution due to adopting the latest techniques, such as continuously variable aperture, automatic multi-stage focusing, TGC, dynamic filtering, image edge enhancement, frame correlation, 256 gray scales image display, wide dynamic range and wide-band low noise preamplifiers, logarithmic compression etc. The system can be used for examination and diagnosis of abdominal organs, and other small parts.

Main Features

Finer image display and higher resolution due the application of the latest technologies. High resolution monitor for clean sharp images. Easy operation with newly designed keyboard. Screen filter ensuring a comfortable operation. Supporting the variety's probe and four kinds of scan center frequency.

Technical Specifications

Standard configuration

3.5 MHz Convex Probe	Probe Frequency: 2.5-5.0 MHz	Application: Abdominal organs examination

Optional configuration

3.2 MHz Micro-Convex Probe	Probe Frequency:2.0-5.0 MHz	Application: Cardiology examination
7.5 MHz HF Linear Probe	Probe Frequency:6.0-9.0 MHz	Application: Small part examination
6.5 MHz Transvaginal Probe	Probe Frequency:5.0-8.0 MHz	Application: Obstetrics + gynecology examin.
7.5 MHz Endorectal Linear Probe	Probe Frequency: 6.0-6.9 MHz	Applications: Animal examination

Main Performance

- Display mode: B, 2B, BM, M, 4B
- Image gray scale: 256 Scale
- Resolution: Lateral ≤ 3 mm (Depth≤80) ≤ 4 mm (80＜Depth≤130), Axial ≤ 1 mm (Depth≤80) ≤ 2 mm (Depth≤80)
- Monitor size: 14 Inch CRT
- Depth of penetration: ≥ 170 mm
- Dead zone: ≤ 4 mm
- Geometric: Horizontal ≤ 10 % Vertical ≤ 5%
- Image conversion: Up/down, Left/right, black/white
- Image storage: 192 Frame
- Cine loop: 1024 Frame
- Body mark: 35
- Software: Obstetrics
- Interface: USB2.0, VIDEO, VGA, COM
- Measurement: Distance, circumference, area, volume, heart rate and obstetrics

Physical Identity

Dimension: 375mm (L) × 470mm (W) × 1292mm (H)
Weight: 38.7 kg

Qualification

None

Ultrasound / Ecography

CMS 600C2

The CMS600C2 is a high resolution full digital B/W ultrasound diagnostic instrument. It adopts micro-computer control and digital scan converter (DSC), digital beam-forming (DBF), real time dynamic aperture (RDA), real time dynamic receiving apodization, real time dynamic receiving focusing (DRF) technologies. The device is suitable for ultrasonic examination on abdominal, obstetric, cardiac, small parts, urology.

Main Features

Full digital beam forming technology. High resolution monitor for clean sharp images. Comfortable operating station: special designed keyboard greatly helps doctors from repetitive jobs. Using latest chipsets brings most stable systems. Support for hard disk, CD-RW, U-disk, CF cards, SD cards and other storage. Compatible with VGA, PAL, NTSC and other display mode.

Technical Specifications

Standard configuration

3.5 MHz Convex Probe	Probe Frequency: 2.5-5.0 MHz	Application: Abdominal organs examination

Optional configuration

3.2 MHz Micro-Convex Probe	Probe Frequency:2.0-5.0 MHz	Application: Cardiology examination
7.5 MHz HF Linear Probe	Probe Frequency:5.0-10.0 MHz	Application: Small part examination
6.5 MHz Transvaginal Probe	Probe Frequency:5.0-8.0 MHz	Application: Obstetrics + gynecology examin.

Main Performance

- Display mode: B, 2B, BM, M, 4B
- Image gray scale: 256 Scale
- Monitor size: 14 Inch CRT
- Depth of penetration: ≥ 180 mm
- Dead zone: ≤ 3 mm
- Software package: Obstetric, cardiology, gynaecology, urology, small part
- Interface: USB2.0, VIDEO, COM, RJ-45
- Measurement: Distance, circumference, area, volume, angle, ratio, heart rate, slope, intervals and obstetric
- Resolution: Lateral ≤2mm (Depth≤80) ≤3mm (80＜Depth≤130)
- Resolution: Axial ≤1mm (Depth≤80) ≤2mm (80＜Depth≤130)
- Image conversion: Up/down, left/right, black/white
- Image storage: Thousands of frames
- Cine loop: 512 Frames × N
- Body mark: 43

Physical Identity

- Dimension: 390mm (L) × 480mm (W) × 1155mm (H)
- Weight: 42.5 kg

Qualification

- None

Ultrasound / Ecography

CMS 600E

This equipment is high resolution ultrasound scanner. The images displayed by the system are crystal clear, stable and with high resolution due to adopting the latest techniques, such as digital beam-forming, automatic multi-stage focusing, wide dynamic range, wide-band low noise preamplifier, dynamic filtering, logarithmic compression, TGC, image edge enhancement, frame correlation, linear interpolation, etc. The device is suitable for ultrasonic examination on abdominal, obstetric, etc.

Main Features

The structure of this device is brief, high efficiency and stability. The latest probe production technology, multi-layer matched sound, wide-frequency. Adopt the full digital beam technology to have good received signal and resolution Switch steady power is adopted, and the power adaptability is strong. Low power consumption, high reliability and no heat is brought when it works continually. The circuit adopts surface mounting technology (SMT) to ensure small volume and light weight.

Technical Specifications

Standard configuration

3.5 MHz Convex Probe	Probe Frequency: 2.5-5.0 MHz	Application: Abdominal organs examination

Optional configuration

7.5 MHz HF Linear Probe	Probe Frequency:5.0-10.0 MHz	Application: Small part examination
6.5 MHz Transvaginal Probe	Probe Frequency:5.0-8.0 MHz	Application: Obstetrics + gynecology examin.

Main Performance

- Display mode: B, 2B, BM, M
- Image gray scale: 256 Scale
- Monitor size: 10 Inch CRT
- Depth of penetration: ≥ 180 mm
- Dead zone: ≤ 4 mm
- Geometric: Horizontal ≤ 10 % Vertical ≤ 5 %
- Resolution: Lateral ≤3 (Depth≤80) ≤4 (80＜Depth≤130)
- Resolution: Axial ≤1 (Depth≤80) ≤2 (80＜Depth≤130)
- Measurement: Distance, circumference, area, volume, angle, heart rate, slope and obstetric
- Image conversion: Up/down, left/right, black/white
- Image storage: External USB storage
- Cine loop: 256 Frame
- Body mark: 27
- Software: Obstetric
- Interface: USB2.0, VIDEO, VGA

Physical Identity

- Dimension: 310mm (L) × 450mm (W) × 300mm (H)
- Weight: 9.5 kg

Qualification

- None

Ultrasound / Ecography

CMS 600H

The CMS600H ultrasound diagnostic system is a portable type. The images displayed by the system are crystal clear, stable and with high resolution due to adopting the latest techniques, such as continuously variable aperture, automatic multi-stage focusing, TGC, dynamic filtering, image edge enhancement, frame correlation, 256 gray scales image display, wide dynamic range and wide-band low noise preamplifiers, logarithmic compression etc. The system can be used for obstetrics examination and diagnosis of abdominal organs, and other small parts.

Main Features

Portable and attractive plastic injection design: small-sized and lightweight, with clip. Finer image display and higher resolution due the application of the latest technologies. Easy operation with newly designed keyboard. Screen filter ensuring a comfortable operation. Supporting the variety' s probe and four kinds of scan centre frequency.

Technical Specifications

Standard configuration

3.5 MHz Convex Probe	Probe Frequency: 2.5-5.0 MHz	Application: Abdominal organs examination

Optional configuration

3.2 MHz Micro-Convex Probe	Probe Frequency:2.0-5.0 MHz	Application: Cardiology examination
7.5 MHz HF Linear Probe	Probe Frequency:5.0-10.0 MHz	Application: Small part examination
7.5 MHz HF Endorectal Linear Pr.	Probe Frequency:6.0-6.9 MHz	Application: Animal examination
6.5 MHz Transvaginal Probe	Probe Frequency:5.0-8.0 MHz	Application: Obstetrics + gynecology exam.

Main Performance

- Display mode: B, 2B, BM, M, 4B
- Image gray scale: 256 Scale
- Monitor size: 10 Inch CRT
- Depth of penetration: ≥ 170 mm
- Dead zone: ≤ 4 mm
- Measurement: Distance, circumference, area, volume, heart rate and obstetrics
- Geometric: Horizontal ≤ 15 % Vertical ≤ 10 %
- Resolution: Lateral ≤3 (Depth≤80) ≤4 (80＜Depth≤130)
- Resolution: Axial ≤1 (Depth≤80) ≤2 (80＜Depth≤130)
- Image conversion: Up/down, left/right, black/white
- Image storage: 192 Frame
- Cine loop: 1024 Frame
- Body mark: 35
- Software : Obstetrics
- Interface: USB2.0, VIDEO, VGA, COM

Physical Identity

- Dimension: 300mm (L) × 404mm (W) × 262mm (H)
- Weight: 9.6 kg

Qualification

- Passed CE

Ultrasound / Ecography

CMS 600P2

The notebook type CMS600P2 is a full digital B-Ultrasound diagnostic system. It adopts embedded operating system, which greatly optimizes the product performance. The system is taken more conveniently for its high effective data processing ability, pop-up menu and keyboard design. It includes rich measuring software packages that satisfy the clinic diagnostic needs fully.

Main Features

The device which adopts Linux embedded operating system, has good compatibility, transplantable character, and flexible expansibility. It adopts advanced full digital beam-forming, real time dynamic aperture, real time dynamic receiving apodization, real time dynamic receive focusing, frame correlation, modern image processing technology etc., which improves image quality. The system can be taken conveniently for notebook type, built-in battery, high integration of unit, small volume, light weight. It adopts touch type folding keyboard, flexible and shortcut trackball operation, which greatly quicken the test speed. Neat and convenient image managing function which can print and export report. It includes rich measuring software packages: obstetrics, gynaecology, cardiology, urology, small parts. Many probes can be chosen, and wide application can satisfy the clinic diagnostic need fully. Near gain, far gain and total gain can be adjustable alone. Possess external memory function. Can be connected to the video printer, inkjet printer, laser jet printer.

Technical Specifications

Main Performance

- Display mode: B, 2B, 4B, B/M, M
- Image gray scale: 256
- Monitor: 10.1 inch TFT LCD
- Display resolution: 1024*600
- Lateral resolution: 2 mm (near field) 4 mm (far field)
- Axial resolution: 2 mm (near field) 2 mm (far field)
- Dead zone: ≤3 mm
- Display depth: ≤240 mm
- Horizontal geometric position precision: ≤5%
- Vertical l geometric position precision: ≤5%
- Zoom: 0.9, 1.0, 1.1, 1.2, 1.3, 1.5, 2.0
- Cine loop: 600 frames
- Image storage: 2048 frames
- Body mark: 43
- Focus: The number and position can be adjustable.
- Assistant tool: Puncture guide and histogram
- Measurement: Distance, circumference, area, volume, angle, ratio, slope
- Language Chinese and English
- Image processing: Controllable frame correlation, gamma correction, histogram
- Support USB storage; Update software though USB
- Interface: USB, Video, VGA
- Comment: Date, time, name, hospital, number, frame rate, depth, gain, dynamic range, frame correlation, frequency

Standard Configuration

- 3.5 MHz convex probe, 2.0 MHz~5.0 MHz

Optional Configuration

- 6.5 MHz endo-vaginal probe, 5.0 MHz~8.5 MHz
- 7.5 MHz linear probe, 5.0 MHz~10.0 MHz

Physical Identity

- Dimension: 292mm x 232mm x 45mm
- Weight: 2.3 kg (include probe)

Qualification

- None

Ultrasound / Ecography

CMS 600P3

The notebook type CMS600P3 is a high resolution linear/convex B-ultrasound diagnostic system. It adopts digital beam-forming, real-time dynamic receiving apodization, real-time dynamic aperture, real-time dynamic receiving focusing, dynamic filtering, edge enhancement, frame correlation technologies. The device is suitable for ultrasonic examination on abdominal, obstetric, cardiac etc.

Main Features

The image is clear, stable and high-resolution. The system can be taken conveniently for notebook type, built-in battery, small volume, light weight. Through the special-purpose image gathering software, the system implements the real-time image upload to the computer. Realized read-write function through USB connection and SD connection
It can connect the mouse, ink-jet printer. Many probes can be chosen, and wide application can satisfy the clinic diagnostic need fully. Power save mode.

Technical Specifications

Standard Configuration

3.5 MHz Convex	Probe Frequency: 2.5-5.0 MHz	Application: Abdominal organs examination

Optional Configuration

3.5 MHz Micro-Convex	Probe Frequency: 2.0-5.0 MHz	Application: Cardiology examination
5.0 MHz Micro-Convex	Probe Frequency: 4.0-6.0 MHz	Application: Cardiology examination
7.5 MHz HF Linear	Probe Frequency: 6.0-9.0 MHz	Application: Small part examination
6.0 MHz Transvaginal	Probe Frequency: 5.0-8.0 MHz	Application: Obstetrics + gynaecology examin.
7.5 MHz Endorectal Linear	Probe Frequency: 6.0-9.0 MHz	Application: Animal examination
5.0MHz Endorectal Linear	Probe Frequency:4.0-6.0 MHz	Application: Animal examination

Main Performance

- Scanning mode: Convex/linear
- Display mode: B, 2B, 4B, B/M, M
- Image gray scale: 256
- Monitor size: 10.1 inch TFT LCD
- IP settings: 8
- Display depth: ≤240 mm
- Image storage: 1024 frames
- Body mark: 35
- Software: Obstetrics, cardiology
- Acoustic output: 8
- Image conversion: Up and down, left and right, black and white
- It has the functions that multi-step display magnifications, depth change, zoom, scroll control and puncture guide.
- Measurement: Distance, circumference, area, volume, scanning angle, heart rate and obstetrics.
- Comment: Date, time, hospital name, patient name, ID, gain, frequency etc., full screen note function
- Preset: Hospital name, date, time, image format, foetal weight formula, pseudo-colour etc.
- The device supports the read-write in Bmp form or Dicom form.
- Support Chinese, English language interface display and input
- Interface: USB port, SD card port
- Focus: The number and position can be adjustable.

Physical Identity

- Dimension: 255mm x 185mm x 35mm
- Weight: 1.5 kg (include probe)

Ultrasound / Ecography

CMS 1900

Main Features

Display mode's, B/B, 4B, B/M, CF, PDI/DPDI, PW, THI. It adopts continuous dynamic receiving aperture (CDA), continuous dynamic receiving focusing (CDF) technologies, which improve the resolution of images. Clear layout for functional keyboard and humane care design make the system. It adopts advanced image processing technologies, such as: frame correlation, wall filter, colour code figure, image enhance. Scientific probe match: Can avoid wastage of ultrasonic energy, accordingly improve detection capability and image definition. Advanced probe technology supports multi-frequency probe and can adjust to the needed depth of penetration through the probe frequency conversion. High effective Doppler technology: Doppler frame correlation, Doppler apace optimize, transmit coding control. Expanded interface: VGA, VIDEO, AUDIO,USB2.0, RJ-45. Power supply: AC 100 V~240 V, 50 Hz/60 Hz

Technical Specifications

Application

Abdomen, obstetrics, gynaecology, small organs, urology, incretion, blood vessel/peripheral vessels, cardiology etc

Main Performance

B Mode — Image conversion: up/down, left/right; 8 segments TGC control; Dynamic Range, image enhance, frame correlation, gray scale, image rejection can be adjustable; Cine loop: ≥ 500 frame; Automatically review, Plus/contrary review with single pace, segment review, cine memory.

M Mode — Sampling line speed, dynamic range, gray scale, image rejection can be adjustable.

CF Mode — Pulse repetition frequency adjustable; Colour PRI; Colour Threshold control; Colour baseline control; Doppler frequency selection; Colour frame average; Colour Transparency

PDI Mode — Linear Doppler angle adjustable; Colour PRI; The size and position of sampling box adjustable; Image frame correlation, frame frequency adjustable; Wall filter adjustable

PW mode — The size and position of sampling box can be adjustable, Doppler frequency conversion; Wall filter adjustable; Triple mode (B+CFM/PDI+PWD); Doppler SV range can be adjustable; Support Doppler angle correction; Base line move; Colour frequency spectrogram sweep speed can be adjustable; Can automatically obtain the envelope of frequency spectrum graph; Volume in PW mode can be adjustable

Standard Configuration

- 3.5MHz Convex Probe
- 9.0 MHz Linear Probe
- Power Cable
- Fuse
- Coupling Gel
- User Manual
- Packing List
- Inspection Report

Optional Configuration:

● 3.5 MHz Micro-Convex Probe ● 6.5 MHz Transvaginal Probe
● 7.5 MHz Transrectal Probe ● 7.5 MHz Linear Probe; Monitor ● Ground Cable
● Laser printer ● ink jet printer ● video printer ● Probe puncture support

4D Convex Probe 3.5 MHz

Probe for CHISON IVIS 60 EXPERT 4D Ecocolourdoppler

- Scanning method: 4D convex
- Main frequency: 3.5
- 4-Step multifrequency: 2.0/6.8
- Main application: abdominal, ob/gyn

Probes Ecograph

4D Convex Probe 4.0 MHz

Probe for CHISON Q8 Colourdoppler

- Scanning method: 4D convex
- Main frequency: 4.0
- 4-Step multifrequency: 2.0/6.8
- Main application: abdominal, ob/gyn

Cardiac (Phased Array) Probe 3.0 MHz

Probe for CHISON Q8 Colourdoppler

- Scanning method: cardiac (phased array)
- Main frequency: 3.0
- 4-Step multifrequency: 2.0/5.4
- Main application: cardiology

Cardiac (Phased Array) Probe 6.0 MHz

Probe for CHISON IVIS EXPERT 4D Ecocolourdoppler

- Scanning method: cardiac (phased array)
- Main frequency: 3.0
- 4-Step multifrequency: 2.0/4.4
- Main application: cardiology

Probes Ecograph

Convex Probe 3.5 MHz

Probe for CHISON IVIS 60 EXPERT 4D Ecocolourdoppler

- Scanning method: convex
- Main frequency: 3.5
- 4-Step multifrequency: 2.0/5.8
- Main application: abdominal, ob/gin, urology

Probes Ecograph

Convex Probe 3.5 MHz

Probe for CHISON Q8 Colourdoppler

- Scanning method: convex
- Main frequency: 3.5
- 4-Step multifrequency: 2.0/6.8
- Main application: abdominal, ob/gin, urology

Linear Probe 7.5 MHz

Probe for CHISON IVIS 60 EXPERT 4D Ecocolourdoppler

- Scanning method: linear
- Main frequency: 7.5
- 4-Step multifrequency: 4.0/13.0
- Main application: small parts, vessels

Probes Ecograph

Linear Probe 7.5 MHz

Probe for CHISON Q8 Colourdoppler

- Scanning method: linear
- Main frequency: 7.5
- 4-Step multifrequency: 4.0/15.0
- Main application: small parts, vessels

Micro Convex (Transvaginal) Probe

Probe for CHISON IVIS 60 EXPERT 4D Ecocolourdoppler

- Scanning method: micro convex (transvaginal)
- Main frequency: 6.0
- 4-Step multifrequency: 4.0/9.9
- Main application: ob/gin

Micro Convex (Transvaginal) Probe 6.0 MHz

Probe for CHISON Q8 Colourdoppler

- Scanning method: micro convex (transvaginal)
- Main frequency: 6.0
- 4-Step multifrequency: 4.0/12.0
- Main application: ob/gin , urology, endocavity

Paediatric Probe 5.0 MHz

Probe for CHISON IVIS 60 EXPERT 4D Ecocolourdoppler

- Scanning method: paediatric
- Main frequency: 5.0
- 4-Step multifrequency: 3.0/8.5
- Main application: paediatrics

Probes Ecograph

Paediatric Probe 5.0 MHz

Probe for CHISON Q8 Colourdoppler

- Scanning method: paediatric
- Main frequency: 5.0
- 4-Step multifrequency: 3.0/9.3
- Main application: paediatrics