Introductions
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 technique, multi-layer matched sound, wide-frequency
◆ Adopt the full digital beam technique 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

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)
Axial ≤ 1 (Depth≤80) ≤ 2 (80<Depth≤130)
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
Measurement: Distance, circumference, area, volume, angle, heart rate, slope and obstetric

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: 5.0-10.0 MHz
- Applications: Small part examination

6.5 MHz Transvaginal Probe
- Probe Frequency: 5.0-8.0 MHz
- Applications: Obstetrics and gynecology examination

**Physical Identity**

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

**Qualification**

None
**Introduction**
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 and pelvic cavity organs.

**Main Features**
- Video output offers connection to external video image printer and large-screen display and other equipments
- High speed USB port provides real time image transfer to the PC
- Combined power supply mode of AC adapter and built-in chargeable battery
- The low power consumption and advanced power management technology promise more lasting battery operation
- Field programmable gate array and surface mounted technology make this equipment compact and light in weight
- Jet molding enclosure with hand-held structure

**Main Performance**
Display mode: B, 2B, BM, M, 4B
Image gray scale: 256 Scale
Monitor size: 7 Inch TFT LCD
Depth of penetration: ≥ 140 mm
Dead zone: ≤ 6 mm
Geometric: Horizontal ≤ 7.5% Vertical ≤ 5%
Resolution: Lateral ≤3 (Depth≤80) ≤5 (80<Depth≤130)
Axial ≤1 (Depth≤80)
Image conversion: Up/down, left/right, black/white
Image storage: 64 Frame
Cine loop: ≥400 Frame
Body mark: 40
Software: Obstetric, cardiology
Interface: USB2.0, VIDEO, MOUSE
Measurement: Distance, circumference, area, volume, gestational age, expected date

**Standard Configuration**
3.5 MHz Convex Probe
 Probe Frequency: 2.5-5.0 MHz
Applications: Abdominal organs examination
Optional Configuration
7.5 MHz 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: Heart examination
6.5 MHz Endorectal Linear Probe Probe Frequency: 5.0-7.5 MHz Applications: Animal examination

Physical Identity
Dimension: 265 (L) × 153 (W) × 46 (H) mm
Weight: 0.8 kg

Qualification
None
B-ULTRASOUND - CMS600P B-Ultrasound Diagnostic Scanner

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, small parts and obstetric.

**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
- Using the touch pucker keyboard and trackball to operate, it's quick, convenience, agility
- Field programmable gate array and surface mounted technology make this equipment compact and light in weight
- Jet molding enclosure and potable structure

**Main Performance**
- Display mode: B,B/B,B/M,M,4B,B+M/M
- Image gray scale: 256 Scale
- Monitor size: 10.4 Inch TFT Color LCD
- Depth of penetration: 40 mm-240mm
- 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
- Measurement: Distance, circumference, area, volume, gestational age, expected date

**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 and gynecology examination
6.5 MHz Endorectal Linear Probe Probe Frequency: 5.0-7.5 MHz Applications: Animal examination

Physical Identity
Dimension: 292 (L) × 230 (W) × 43 (H) mm
Weight: 2 kg

Qualification
Passed CE
B-ULTRASOUND - CMS600B-3 B-Ultrasound Diagnostic Scanner

Introduction
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 potable structure

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

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 and gynecology examination

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

Qualification
Passed CE
Introductions
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 potable structure

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

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 and gynecology examination

6.5 MHz Endorectal Linear Probe  
Probe Frequency: 5.0-7.5 MHz  
Applications: Animal examination

**Physical Identity**

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

**Qualification**

Passed CE
B-ULTRASOUND - CMS600B1 B-Ultrasound Diagnostic Scanner

Introductions
The CMS600B1 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 and urology.

Main Features
- Full digital beam forming technology
- High resolution monitor: high quality, high resolution monitor gives 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

Main Performance
- Display mode: B, 2B, BM, M, 4B
- Image gray scale: 256 Scale
- Monitor size: 10 Inch CRT
- Depth of penetration: ≥ 180 mm
- Dead zone: ≤ 3 mm
- Resolution: Lateral ≤ 2 (Depth≤80) ≤ 3 (80<Depth≤130)
- Axial ≤ 1 (Depth≤80) ≤ 2 (80<Depth≤130)
- Image conversion: Up/down, left/right, black/white
- Image storage: 512 Frame*N group
- Cine loop: Thousands more
- Body mark: 43
- Software: 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

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: 5.0-10.0 MHz
Applications: Small part examination

3.5 MHz Micro-Convex Probe
Probe Frequency: 2.0-5.0 MHz
Applications: Cardiology examination

6.5 MHz Transvaginal Probe
Probe Frequency: 5.0-8.0 MHz
Applications: Obstetrics and gynaecology examination.

**Physical Identity**
Dimension: 340 (L) × 350 (W) × 280 (H) mm
Weight: 10 kg

**Qualification**
None
**Introductions**
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 and urology.

**Main Features**
- Full digital beam forming technology
- High resolution monitor: high quality, high resolution monitor gives 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

**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
- Resolution:Lateral ≤2mm (Depth≤80) ≤3mm (80＜Depth≤130)
  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
- 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

**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: 5.0-10.0 MHz
Applications: Small part examination

3.5 MHz Micro-Convex Probe
Probe Frequency: 2.0-5.0 MHz
Applications: Cardiology examination

6.5 MHz Transvaginal Probe
Probe Frequency: 5.0-8.0 MHz
Applications: Obstetrics and gynecology examination

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

Qualification
None
**Introductions**

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 obstetrics examination and diagnosis of abdominal organs and other small parts.

**Main Features**

- Finer image display and higher resolution due to the application of the latest technologies
- High resolution monitor: high quality, high resolution monitor gives 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 also

**Main Performance**

Display mode: B, 2B, BM, M, 4B  
Image gray scale: 256 Scale  
Monitor size: 14 Inch CRT  
Depth of penetration: ≥ 170 mm  
Dead zone: ≤ 4 mm  
Geometric: Horizontal ≤ 10 % Vertical ≤ 5 %  
Resolution: Lateral ≤3 (Depth≤80) ≤4 (80<Depth≤130)  
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  
Measurement: Distance, circumference, area, volume, heart rate and obstetrics
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

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

Qualification
None
**Introductions**

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 also

**Main Performance**

- Display mode: B, 2B, BM, M, 4B
- Image gray scale: 256 Scale
- Monitor size: 10 Inch CRT
- Depth of penetration: $\geq 170$ mm
- Dead zone: $\leq 4$ mm
- Geometric: Horizontal $\leq 10$ % Vertical $\leq 5$ %
- Resolution: Lateral $\leq 3$ mm (Depth $\leq 80$) $\leq 4$ mm (80$<\text{Depth} \leq 130$)
- Axial $\leq 1$ mm (Depth $\leq 80$) $\leq 2$ mm (80$<\text{Depth} \leq 130$)
- 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

**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
Physical Identity
Dimension: 300 (L) × 404 (W) × 262 (H) mm
Weight: 9.6 kg

Qualification
None
**B-ULTRASOUND - CMS280C Mobile Ultrasound Scanner**

### Features
- Advanced probe technology and special protection for probe
- Various image process function:
  - 4 background color 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

### Specification
- Measuring: Distance, circumference, area, volume, heart rate, pregnant week and fetal 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)
**Introductions**
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 beamformer. 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

**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
- Image conversion: Up/down, left/right, black/white
- Image storage: 16 Frame
- Cine loop: 256 Frame
- Body mark: 38
- Software: Obstetrics, gynecology, urology, cardiology
- Interface: USB2.0, VIDEO
- Measurement: Distance, area, volume(ellipse method), heart rate, slope, weight and Obstetrics

**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 gynecology examination

**Physical Identity**
- Dimension: 335 (L) × 465 (W) × 380 (H) mm
- Weight: 12 kg
Qualification
None