B-ULTRASOUND - CMS600P1 B-Ultrasonic Diagnostic System

Main Features
■Bright and clear image quality
■Portable and light weight, only 2.3 kg (include probe)
■The probes offer a wide range of diagnostic applications
■The structure of this device is brief, high efficiency and stability
■The latest probe production technic, multi-layer matched sound, wide-frequency
■Adopt the full digital beam technic 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 continuity
■The circuit adopts surface mounting technology(SMT) to ensure small volume and light weight

Specifications
■Display mode: B, 2B, B/M, M
■Image gray scale: 256 levels
■Monitor: 10.1 inch TFT LCD
■Lateral Resolution: ≤ 3 mm (near field) ≤ 4 mm (far field)
■Axial Resolution: ≤ 1 mm (near field) ≤ 2 mm (far field)
■Zoom: 0.8, 1.0, 1.2, 1.3, 1.5, 1.6, 1.8, 2.0
■Dead zone: ≤ 4 mm
■Scan depth: ≥ 180 mm
■Cine loop: 256 frames
■Measurement: Distance, circumference, area, volume, GA, FW, EDD, heart rate
■Comment: Date & time, name, age, sex, doctor, hospital, ID, obstetrics report, annotation(whole screen comment input)
■Body make: 27
■Image flip: Up/down, left/right, black/white
■Image process: Gamma correction, histogram
■Support USB storage
■Power supply: AC:100~240 V, 50Hz/60Hz - DC:14 V, 3.5 A
■Battery class: 5400 mAh/11.1 V
■Power consumption: 34 W
■Dimension: 292 × 232 × 44 mm
■Weight: 2.3 kg (include probe)

Standard Configuration
■3.5 MHz convex probe

Options
■6.5 MHz trans-vaginal probe
■7.5 MHz linear probe

B-ULTRASOUND - CMS600H B-Ultrasonic Diagnostic System

Introduction

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 to the application of the latest technologies
■Easy operation with newly designed keyboard
■Screen filter ensuring a comfortable operation
■Supporting a variety of probes and four kinds of scan center frequencies

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 ≤ 15 % Vertical ≤ 10 %
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
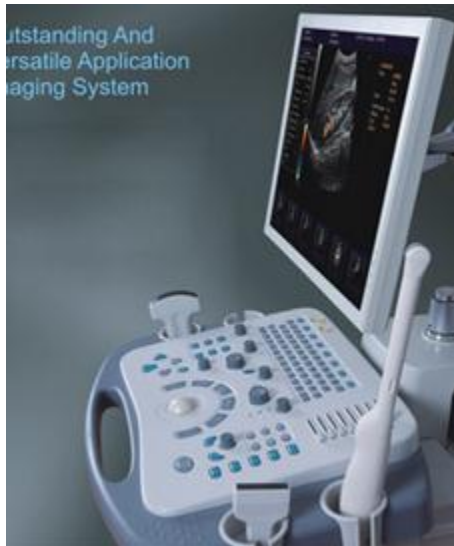
Physical Identity

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

Qualification

Passed CE

B-ULTRASOUND - CMS1800 Color Doppler Ultrasonic Diagnostic System

Introductions

This equipment is outstanding and versatile application imaging system with high precision digital beam forming and doppler ultrasonic imaging technology. The CMS1800 incorporate the latest image processing technologies such as THI, speckle reduction, multi-beam parallel processing and efficient full-digital image management system is easy to acquire better image. Special measurement software packages, flexible configuration and ergonomical design greatly increase operators clinical diagnosis accuracy and analysis efficiency.

Main Features

■Applications: Abdomen, OB&GYN, cardiology, vascular and small parts, urology, musculoskeletal, pediatrics and etc
■Displaying mode: B, 2B, 4B, left&right, B/M, B/D, PW, M, B mode part zoom; B/C/D, B/C/M, B/C duplex, PW, CFM, CPA
■Signal processing: Full-digital beam forming, dynamic filter, orthogonal demodulating, space-time filter, dynamic real-time receiving focusing, RDA, DRA, spectral processing, CFM processing
■Image processing: THI, speckle-reduction, color coder, frame averaging, micro-angle adjustment, wall filter, 256 grey scale, scanning angle/width control, composite processing of tissue and blood flow image
■General measurement: B mode: distance, angle, perimeter and area (ellipse method, Trace method), volume, histogram,cross-section diagram,; M mode: cardiac rate, time, distance, speed
■Measurement&report packages: GYN(four edition for GA calculation), cardiac, vascular, urology, andriatrics, peripheral vascular, multiple births, orthopedic surgery and etc
■Storage function: Probe parameter, image, cine loop, measurement data and report
■Cine loop: Operated by automatically and manually, speed optional, searching cine loop, forward/backward cine loop
■Input/output interface: VGA, network , USB, VIDEO, parallel communication port, serial communication port

Standard configuration

Main unit
3.5 MHz convex probe
17 Inch LCD monitor
3 probe connectors
DVD-RW
6 USB ports
Free-arm
7.8 MHz high-frequency linear probe
Optional configuration
3.5 MHz micro-convex probe
7.0 MHz transvaginal probe
Color video printer
Laser printer
DICOM3.0

B-ULTRASOUND - CMS600E B-Ultrasound Diagnostic Scanner

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, ect. The device is suitable for ultrasonic examination on abdominal, obstetric, ect.

Main Features

◆The structure of this device is brief, high efficiency and stability
◆The latest probe production technic, multi-layer matched sound, wide-frequency
◆Adopt the full digital beam technic 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 continuately
◆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

Standrad 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

B-ULTRASOUND - CMS600S Digital PalmSmart Uitrasound 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 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
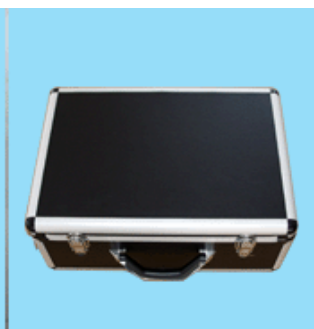
Physical Identity

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 tracball 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-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
Measurement: Distance, circumference, area, volume, gestational age, expected date

Standrad 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

Standrad 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

B-ULTRASOUND - CMS600B-2 B-Ultrasound Diagnostic Scanner

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

Standrad 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, 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

Standrad 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 examinatio

Physical Identity

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

Qualification

None

B-ULTRASOUND - CMS600C2 B-Ultrasound Diagnostic Scanner

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, 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

Standrad 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

B-ULTRASOUND - CMS600C B-Ultrasound Diagnostic Scanner

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

Standrad 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

B-ULTRASOUND - CMS600B B-Ultrasound Diagnostic Scanner

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: $\geqslant$ 170 mm
Dead zone: $\leqslant$ 4 mm
Geometric: Horizontal $\leqslant$ 10 % Vertical $\leqslant$ 5 %
Resolution: Lateral $\leqslant$3mm (Depth$\leqslant$80) $\leqslant$4 mm(80$<$Depth$\leqslant$130)
Axial $\leqslant$1 mm(Depth$\leqslant$80) $\leqslant$2 mm(80$<$Depth$\leqslant$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

Standrad 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

Multi-frequency Probe

| 6.5 MHz Transvaginal | 3.5 MHz Convex | 3.2 MHz Heart | 7.5 MHz Linear |

CMS600B

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)

B-ULTRASOUND - CMS600A B-Ultrasound Diagnostic Scanner

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 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

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

Standrad 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

B-ULTRASOUND - CMS600C B-Ultrasound Diagnostic System

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

Main Features

◆Finer image display and higher resolution due due 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 mm (Depth≤80) ≤ 4 mm (80＜Depth≤130)
Axial ≤ 1 mm (Depth≤80) ≤ 2 mm (Depth≤80)
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

Standrad 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 examination6.5 MHz
Transvaginal Probe Probe Frequency:5.0-8.0 MHz Application:Obstetrics and gynecology examination

Qualification

None

FETAL MONITOR - CMS-800F

Features

- Single or Twins Ultrasound transducer
- Data Graph and Trend Table Review of both mother and fetal
- Built-in thermal printer
- Built-in Network capability for connect with central monitoring software
- Programmable alarms
- All the colors and looks or the parameters can be customsized
- Multi-face views, select focus on mother or fetal
- Storage of patient information and data

Performance Specifications

- Display:8.4" Color TFT
- Resolution:640x480
- Display Mode:Standard View,Fetal View,Mother View
- Indicator:Power indicator light, Alarm sound
- Interface:Socket for connecting fetal's FHR, TOCO, and Fetal Movement sensorSocket for connecting mother's ECG, NIBP and SPO2 sensor.Net Socket(RJ45) for communication cable with Central Monitoring Station Sofrware.
- Power Supply:AC 100 ~ 240V, 50/60Hz, Powe < 60VA
- Trend Graph:Resolution from 1s, 5s, 10s. Maximum time 96 hours.
- Trend Table:Resolution from 1s, 5s, 10s. Review up to 1000 items.
- Alarm:Ajustable High and Low limits. Three level audible and vistual alarm.
- User Configuration:All the color of parameters and waves can be set according to user's willing.

Technical specifications

- Safety
- Meet the requirment of IEC60601 series
- Type of Protection:Class II with internal electirc power supply
- Degree of Protection:BF
- Dimention and Weight
- Dimention:92(W)x82(H)x22(D)mm
- Weight:3.6kg(with battery)

Operation Environment

- Temperature:0℃~ +40℃
- Humidity:15% ~ 95%

Storage Environment

- Temperature:-20℃~ +60℃
- Humidity:10% ~ 95%
- Patient Range:Pregnant Adult

FHR

- Ultrasound Frequency:2MHz
- Range:50 ~ 210 bpm
- Resolution:1bmp
- Accuracy:±2bmp

TOCO

- Range:0 ~ 100%
- Resolution:1%
- Non-linear Error:<=±8%
- Zero control:Manual
FETAL MOVEMENT:
- Manual fetal movement mark

SPO2

- Measurement Range:0 ~ 100%
- Resolution:1%
- Accuracy:±2%(70%~100%, Adult/Pediatric, non-motion)
±3%(70%~100%, Neonate, non-motion)0% ~ 69% unspecified
- Alarm Range:0% ~ 100%
- Refreshing Rate:1s

Pulse Rate

- Measurement Range:25 ~ 250 bpm
- Resolution:1bpm
- Accuracy:±3 bpm (non-motion)
- Alarm Range:25 ~ 250 bmp
- Refreshing Rate:1s

ECG

- Lead mode:3-lead or 5-lead
- Lead selection:I, II, III, AVR, AVL, AVF, V
- HR range:15 ~ 300 bpm
- ECG Waveform:2 channals
- Accuracy:±2bpm or ±2%, which is greater
- S-T segment detection range: -2.0mv ~ +2.0mv
- Arrhythmia analysis: 13 kinds of arrhythmia
- Alarm Range:15 ~ 300 bpm

NIBP

- Method:Oscillometry
- Mode:Manual/Auto/Contiuous
- Measurement Range:25 ~ 260mmHg
- Atuo Measure Interval: 5, 10, 15, 30, 45, 60, 90 minutes
- Resolution:1mmHg
- Overpressure Protection: 300mmHg
- Alarm range:25 ~260mmHg

FETAL MONITOR - CMS800 Fetal Monitor

Feature

CMS 800 is a lightweight, space-saving fetal monitor, ensure external and internal monitoring parameters .It can be used up to and during the second stage labor. It also can be connected to the obstetrical central station to construct central monitoring system.

- Light weight, space-saving, easy operation
- Nine elements high sensitive probe
- Basic function: FHR, TOCO, fetal movement, twins monitoring and automatic channel recognition.
- Wide range of applying voltage (100-250V)
- Automatic Fetal Movement Detection
- Built-in network/PC connecting interface
- Software for data recording, analyzing and displayin

Specification

FHR Online: RS-232, RS485
2 MHz pulse wave Operation Environment
Rang of the heart rate: 50-210bpm Electric specification:100-250V AC: 50Hz
Precision: ±1bpm Temperature: 5℃-40℃
Record differentiated: 30bpm/cm Applicable range:
UA FHR heart rate monitor
0-100 units precision: ±1 UA TOCO monitor
Monitor performance Record: build-in thermal record
Display: The red alarm display of the high Option:
Brightness LED power supply indicator light, MFM
audible and visual alarm DECG
Alarm: upper and lower limit alarm IUP

FETAL MONITOR - CMS800G Fetal Monitor

Instructions

Fetal Monitor can acquire fetal heart rate, maternal uterine contraction when pregnancies over 28 weeks to provide reference data for clinical use.The monitor can be used individually or connected with PC through RJ45 Interface for the purpose of central monitoring.

It is only suitable for the equipment in hospitals, clinics, doctors offices and patients at home by professional medical personnel.

Major Features

◆Light dexterous appearance, tops horizontally and walls can be hoisted

◆8.0 "screen color LCD display, rotatable screen to 60°

◆Display of the patient data and curve clearly

◆FHR 120 BPM~160 BPM normal range label

◆Manual records fetal movement

◆Sound and color alarm for high and low fetal heart rate

◆Continuous 24-hour real-time monitoring function

◆Continuous 12-hour patient curve and data storage , playback and print

◆With picture freeze function

◆Optional English interface

◆Single, Twins Monitoring optional

◆9 crystal board band pulsed wave transducer

◆Extra-long life, high-resolution built-in thermal recorder

◆Built-in communication port, can be connected with central monitoring system.

Main performance

Security:

Anti-shock types: Facilities I, no internal power supply Anti-electric Shock Degree: B Working Voltage: AC 100 V~240 V Frequency: 50 Hz/60 Hz P＜60 VA Fuse: T1.6AL250VDisplay

Dimensions: 8.0 "color LCD display, folding 60 degree

Display

Content: bed No. , pregnancy weeks, age, paper speed, date, time , volume, alarm status, transducer connection status, recorder status, FHR data and wave, Contraction data and wave, Fetal move times and mark etc.

Print

Record Paper two-double type Z

Print Width: 112 mm

Valid Print Width: 104 mm

Paper output speed: 1 cm/min、2 cm/min、3 cm/min(optional)

Data Precision: ±5 %（X Roll）, ±1 %（Y Roll）

Record Content: hospital , bed No. ,name, pregnancy weeks, patient No., paper speed, date, time , FHR data and wave, Contraction data and wave, Fetal move times and mark etc.

Ultrasound probe

Nominal Frequency: 1.0 MHz
Work Frequency: 1.0 MHz±10 %
Negative peak sound pressure : p_＜1 MPa
Output beam intensity : Iob＜20 mW/cm2
The peak time space peak intensity: Ispta＜100 mW/cm2
The average time space peak intensity: Isata＜10 mW/cm2
FHR Rang: 50 BPM~240 BPM
Resolution: 1 BPM
Accuracy : ±2 BPM

TOCO

TOCO range: 0~100 %
Resolution: 1 %
Nonlinear error: ＜±10 %
RZ way: Manually

Fetal Marking

For the manual button (the operation of pregnant women), there will be a mark display in the bottom area of FHR wave display section.
FHR Alarm:
Alarm for high and low FHR, which exceeds appointed limit.

Accessories

Sell in standard

◆Transducers（Ultrasound Transducer I , TOCO Transducer, Remote Marker）
◆Abdomen belt
◆Record Paper
◆Power supply line
◆Earth line
◆Two Fuses
◆User manual

Sell in addition

◆Ultrasound TransducerⅡ

Physical Characteristics

Size: 320 mm (length) × 260 mm (width) × 80 mm (height)
Weight: about 3 kg

FETAL MONITOR - CMS9000 Maternal/Fetal Monitor

Introduction

CMS9000F Maternal /Fetal Monitor, designed for the applicaion in the antepartum , intrapartum and postpartum applications.

CMS9000F is suitable for private obstetrician office, antepartum clinic, moving situation or home monitoring situation. It offers most advanced integrated monitoring of fetus and mother .

Option

Twins monitoring capability
Thermal printer or inkjet printer

Features

- Support external thermal printer or inkJet printer
- Built-in rechargeable battery, DC/AC power supply
- Built-in network capability
- Large color TFT screen display waveforms and digitals
- Maternal Parameters: ECG, SPO2, NIBP, RESP, TEMP
- Automatic Fetal Movement Detection, AFM waveform display
- 24 hours monitoring data storage and reload
- Acceleration and Deceleration measurement ability
- Baseline, acceleration and deceleration analysis capability
- Easy operation by with shortcut key and rotary knob
- Super printing functions
- Automatic monitoring mode, parameters configurable
- Clinical data management , can be reload, reanalysis, reprint
- Visual and audio alarm, comply with international standard

Fetal Doppler - Sonoline H Fetal Doppler

Instructions

The Pocket Fetal Doppler is hand-held, which used for detecting fetal heart beats.It includes ultrasound probe and fetal monitor software two parts. The probe is used for signal collection, the fetal monitor software analyse, and the PC displays the FHR wave and data,which can be used in hospital clinic and home for daily self-check by pregnant woman.

Main Features

■Adopt flatness streamline structure for probe, the appearance concision and in good taste
■Power supply by USB bolt, based on PC, saving energy and cleaning
■It has audio output, and can be connected with earphone or sound box
■FHR data and wave display and storage function, based on PC
■FHR 120-160bpm normal range label. Sound and vision alarm for high and low fetal heart rate
■Probe connect status can be identified automatically
■The function of printing
■Defend fake sign

System configuration required

CPU: above PentiumIV
Memory: above 128M
Main board: Main board with Intel chips group in is recommended.
Hard disk: 1G or above
Display chip: with more than 16M memory
CD ROM: CD-ROM with 24 times speed or above (or CD memory System)
Operating System: Microsoft Windows 2000/xp/Vista (Windows xp is recommend)
Resolution: above 1024×768
Color: 24 bit color or above
Font: normal font
Interface: USB2.0
Printer: ordinary laser printer
Main Technical Specification
Display Range :30 BPM ~ 240 BPM
Display Accuracy : ± 2 BPM
Work Frequency: 2.0 MHz ± 10%
Negative peak sound pressure : $P\_ < 0.5$ MPa
Ultrasound output power: P < 10 mW
Work mode: Continuous
Effective ultrasound beam area: 208 mm^2 ± 15%
Input Voltage: 4.75 V ~ 5.25 V
Input Current: < 80 mA

Fetal Doppler - Sonoline C1 Fetal Doppler

Instructions

Pocket Fetal Doppler is a hand-held obstetrical unit, which can be used in hospital, clinic and home for daily self-check by pregnant woman.

It contains components of ultrasonic signal transmitter and receiver, analog signals processing unit, FHR calculating unit, LCD display control unit etc.It has 3 work modes: real-time FHR display mode, averaged FHR display mode, and manual mode. It also has audio output, and can be connected with earphone or recorder with audio input.

Main Features

■Beautiful shape, portable, easy operation
■The probe has bending structure which is easy to operate and can increase the ease of the pregnant women, embodies the humane care design
■Battery status indicator
■The probe can be changeable
■Probe inspection
■Built-in speaker
■Output for headphones
■Backlight
■Auto shut off
■Two pieces of standard 1.5V alkaline battery available which can work no less than 8 hours

Main performance

Anti-electroshock Type: Internally powered equipment
Anti-electroshock Degree: Type B applied part
LCD Display: 38 mm×28 mm
FHR Measuring Range: 50 ~240 BPM (BPM: beat per minute)
Resolution: 1 BPM
Accuracy: ±2 BPM
Power Consumption: < 0.8 W
Voltage: DC 3.0 V
Power Supply: Two 1.5V（AA size）alkaline battery
Suitable Using Range: Suitable for use after the 12th week of pregnancy
Auto Shut-OFF: After 1 minute no signal, power off automatically
Working Frequency: 2.0 MHz±10%
Ultrasound Output Power: P < 10 mW
Ultrasonic Output Intensity: Isata < 5 mW/cm^2
Working Mode: Continuous wave Doppler
Effective Radiating Area of Transducer: 157 mm^2±15%

Physical Characteristic

Dimension:(L)135mm × (W)92mm × (H)29mm
Weight: About 245g (including batteries)

Fetal Doppler - Sonoline C2 Fetal Doppler

Instructions

Pocket Fetal Doppler is a hand-held obstetrical unit, which can be used in hospital, clinic and home for daily self-check by pregnant woman.

The device uses color LCD of high resolution to display the fetal heartbeat waveform, integrated the function of time display and menu control, calculating the FHR, FHR data, heartbeat waveform and heartbeat sound memory, wave review, and it can communicate with PC, transfer the data to PC software to display and print the heart rate trend graph, which can help the doctor diagnose and manage the case in time.

It contains components of ultrasonic signal transmitter and receiver, analog signals processing unit, FHR calculating unit, LCD display control unit, efficient signal memory and read etc. It has 3 work modes: real-time FHR display mode, averaged FHR display mode, and manual mode. It also has audio output, and can be connected with earphone or recorder with audio input.

Main Features

■Beautiful shape, portable, easy operation
■real-time clock display
■three test modes: real-time, average, manual
■Chinese and English display and adjust
■The probe has bending structure which is easy to operate and can increase the ease of the pregnant women, incarnating the humane design
■The probe can be changeable
■Probe inspection
■FHR values, bar graph and heartbeat waveform color screen display
■Alarming in red when the FHR range is out of the normal range
■memory and review
■observe the heart rate trend graph by PC software, manage the memory cases
■Battery status indicator
■Built-in speaker
■Output for headphone.
■Auto power-off when there is no operation in one minute
■Two pieces of standard 1.5V alkaline battery available which can work no less than 8 hours

Main performance

■Display: 1.77"262K TFT display
■FHR Performance:
FHR Measuring Range: 50~240BPM (BPM: beat per minute)
Resolution: 1 BPM
Accuracy: ± 2 BPM
■Power consumption: < 1 W
■Auto Shut-OFF: Automatic power-off when there is no operation in one minute
■Battery Type Recommended: TWO 1.5V（AA size）alkaline battery
■Probe:
Working Frequency: 2.0 MHz ± 10%
Ultrasonic Output Intensity: Isata < 5 mW/cm^2
Ultrasonic Output Power: P < 10 mW

Working Mode: Continuous
Effective Radiating Area of Transducer: 157 mm^2 ± 15%

Physical Characteristic
Dimension: (L) 135mm × (W) 92mm × (H)29mm
Weight: About 245g (including batteries)

Fetal Doppler - Baby Sound C Fetal Doppler

Instructions

Baby Sound C is a new Fetal Doppler with more beatiful and compact design.It is specially designed for homecare,allowing pregnant woman to listen to their unborn baby's heart sound,movement and hic-cups from as carly as 10 to 12 weeks.It is suitable for expectant mother to carry out regular examinatin on her baby in betweenroutine hospital examinatin.

Main Features

◆ The probe and main units integrated together
◆ Beautiful and compact design,portable to use
◆ Power indicator used for the power-on state
◆ Particular two audio output socket design can let expectant mother and father hear the fetal sound at the same time
◆ High sensitive doppler probe
◆ Low power consumption, two AAA size batteries can last more than 8 hours for continuous use (depend on battery type and volume)
◆ Can be connected to a computer or recorder to record the fetal heart sound with recording cable

Main performance

Anti-electroshock Type: Internally powered equipment
Anti-electroshock Degree: Type B applied part
Power Consumption: < 1 W
Voltage:DC 3.0 V
Battery Type Recommended: TWO 1.5V（AAA size）alkaline battery
Suitable Using Range: Suitable for use after the 12th week of pregnancy
Probe:
Nominal Frequency: 2.0 MHz
Working Frequency: 2.0 MHz ± 10%
Ultrasound Output Power: P < 10 mW
Ultrasonic Output Intensity:Isata < 5 mW/cm2
Negative Peak Sound Pressure : p_ < 0.5 MPaWorking Mode: Continuous wave dopplerEffective Radiating Area of Transducer: 208 mm2 ± 15%

Physical Characteristic

Dimension: (L) 122 mm × (W) 72 mm × (H) 56 mmWeight: About 96 g (including batteries)
Qualification
Passed CE

Fetal Doppler - Sonoline C Pocket Fetal Doppler

Instructions

Pocket Fetal Doppler is a hand-held obstetrical unit, which can be used in hospital, clinic and home for daily self-check by pregnant woman.The device uses color LCD of high resolution to display the fetal heartbeat waveform, and figure out the FHR to help the doctor diagnose in time.It contains components of ultrasonic signal transmitter and receiver, analog signals processing unit, FHR calculating unit, LCD display control unit etc. It has 3 work modes: real-time FHR display mode, averaged FHR display mode, and manual mode .It also has audio output, and can be connected with earphone or recorder with audio input.

Main Features

◆Beautiful shape, portable, easy operation
◆The probe has bending structure which is easy to operate and can increase the ease of the pregnant women, embodies the humane care design
◆Fetal heart rate values, bar graph and heartbeat waveform color screen display
◆Alarming in red when the fetal heart rate range is out of the normal range
◆Battery status indicator
◆The probe can be changeable
◆Probe inspection
◆Built-in speaker
◆Output for headphone
◆Auto shut off
◆Two pieces of standard 1.5V alkaline battery available which can work no less than 8 hours

Main performance

Anti-electroshock Type: Internally powered equipment
Anti-electroshock Degree: Type B applied part
Display: 1.77"262K TFT display
FHR Measuring Range: 50BPM ~ 240 BPM (BPM: beat per minute)
Resolution: 1 BPM
Accuracy: ±2 BPM
Power Consumption: < 0.8 W
Voltage: DC 3.0 V
Power Supply: TWO 1.5V（AA size）alkaline battery
Suitable Using Range: Suitable for use after the 12th week of pregnancy
Auto Shut-OFF: After 1 minute no signal, power off automatically
Probe:
Nominal Frequency: 2.0 MHz
Working Frequency: 2.0 MHz ± 10%

Ultrasound Output Power: P < 10 mW
Ultrasonic Output Intensity: Isata < 5mW/cm2
Negative Peak Sound Pressure : p_ < 0.5 MPa
Working Mode: Continuous wave doppler
Effective Radiating Area of Transducer: 157 mm2 ± 15%

Physical Characteristic

Dimension: (L) 135 mm × (W) 92 mm × (H) 29 mmWeight: About 245 g (including batteries)

Qualification

Passed CE

Fetal Doppler - Baby Sound A Fetal Doppler

Instructions

Baby Sound A Pocket Fetal Doppler is a hand held equipment for detecting Fetal Heart Rate(FHR) which is specially designed for family of pregnant women to conduct daily detection of FHR by themselves. Pregnant women can operate by themselves to hear fetal heart sound and calculate FHR to realize the purpose of pre-monitoring and fetus caring.

Main Features

■ The probe and main units integrated together
■ Delicate and compact design, portable to use
■ Particular 2 Headphone Sockets design can let expectant mother and father hear the fetal heart sound together
■ High sensitive doppler probe
■ Low ultrasound output intensity, much lower than the relative government standard and with high safe quality
■ Low power consumption, two AAA size batteries can last more than 8 hours for continuous use (depend on battery type and volume)
■ Can be connected to a computer or recorder to record the fetal heart sound with recording cable

Main performance

Anti-electroshock Type: Internally powered equipment
Anti-electroshock Degree: Type B applied part
Power Consumption: < 1 W
Voltage:DC 3.0 V
Battery Type Recommended: TWO 1.5V(AAA Size) alkaline Battery
Suitable Using Range: Suitable for use after the 12th week of pregnancy

Probe

Nominal Frequency: 2.0 MHz
Working Frequency: 2.0 MHz±10%
P-: < 0.5 MPa
Iob: < 10 mW/cm^2
Ispta: < 50 mW/cm^2
Isata: < 5 mW/cm^2
Working Mode: Continuous wave Doppler
Effective Radiating Area of Transducer: 208 mm^2±15%

Physical Characteristic

Dimension: (L) 110 mm × (W) 55 mm × (H) 16.8 mm（the space between probe culmination and upper panel is 26 mm）
Weight: About 80 g (including batteries)

Qualification

Passed FDA and CE

Fetal Doppler - Baby Sound B Fetal Doppler

Instructions

Baby Sound B Pocket Fetal Doppler is a hand held equipment for detecting Fetal Heart Rate(FHR) which is specially designed for family of pregnant women to conduct daily detection of FHR by themselves. Pregnant women can operate by themselves to hear fetal heart sound and calculate FHR to realize the purpose of pre-monitoring and fetus caring.Baby Sound B is a high performance model with LCD digital display.

Main Features

■ The probe and main units integrated together
■ Delicate and compact design, portable to use
■ Particular 2 Headphone Sockets design can let expectant mother and father hear the fetal heart sound together
■ High sensitive doppler probe
■ Low ultrasound output intensity, much lower than the relative government standard and with high safe quality
■ Low power consumption, two AAA size batteries can last more than 8 hours for continuous use (depend on battery type and volume)
■ Can be connected to a computer or recorder to record the fetal heart sound with recording cable
■ LCD FHR Display with high accuracy
■ Screen will be locked automatically without signal for 15s, which is convenient for pregnant women to operate individually

Main performance

Anti-electroshock Type: Internally powered equipment
Anti-electroshock Degree: Type B applied part
LCD Display:25 mm×14 mm
FHR Measuring Range: 50 - 240 BPM (BPM: beat per minute)
Resolution:1 BPM
Accuracy:±2 BPM

Power Consumption:< 1 W
Voltage:DC 3.0 V
Power Supply: TWO 1.5V（AAA size）alkaline battery
Suitable Using Range: Suitable for use after the 12th week of pregnancy

Probe:
Nominal Frequency: 2.0 MHz
Working Frequency: 2.0 MHz±10%
Ultrasound Output Power: P < 10 mW
Ultrasonic Output Intensity:Isata < 5 mW/cm^2
Working Mode: Continuous wave Doppler
Effective Radiating Area of Transducer: 208 mm^2±15%

Physical Characteristic
Dimension: (L) 110 mm × (W) 55 mm × (H) 16.8 mm（the space between probe culmination and upper panel is 26 mm）
Weight: About 80 g (including batteries)

Qualification
Passed FDA and CE

Fetal Doppler - Sonoline A Fetal Doppler

Instructions

Sonoline A Pocket Fetal Doppler is a hand-held obstetrical unit, which can be used in hospital, clinic and home for daily self-check by pregnant woman.It contains components of ultrasonic signal transmitter and receiver, analog signals processing unit etc. It has audio output and can be connected with earphone or recorder with audio input.

Main Features

◆ Battery LED indicator
◆ Low power inspection of the battery
◆ Built-in speaker
◆ Output for headphones
◆ The probe can be changeable
◆ Probe inspection
◆Support 2MHz,3MHz,4MHz,5MHz,8MHz probes
◆ Two pieces of standard 1.5V alkaline battery available which can work no less than 10 hours.

Main performance

Anti-electroshock Type: Internally powered equipmentAnti-electroshock Degree: Type B applied partPower Consumption: < 0.8 WVoltage: DC 3.0 VPower Supply：TWO 1.5V（AA size）alkaline batterySuitable Using Range: Suitable for use after the 12th week of pregnancyProbe:
Nominal Frequency: 2.0 MHz
Working Frequency: 2.0MHz ± 10%
Ultrasound Output Power: P < 10 mWUltrasonic Output Intensity: Isata < 5 mW/cm2Negative Peak Sound Pressure : p_ < 0.5 MPaWorking Mode: Continuous wave dopplerEffective Radiating Area of Transducer: 208 mm2 ± 15%

Physical Characteristic

Dimension: (L) 135 mm × (W) 95 mm × (H) 35 mmWeight: About 180 g (including batteries)

Qualification

Passed FDA and CE

Fetal Doppler - Sonoline B Fetal Doppler

Instructions

Sonoline B Pocket Fetal Doppler is a hand-held obstetrical unit, which can be used in hospital, clinic and home for daily self-check by pregnant woman.It contains components of ultrasonic signal transmitter and receiver, analog signals processing unit, FHR calculating unit, LCD display control unit etc.Sonoline B Pocket Fetal Doppler is a high performance model with (fetal heart rate) LCD digital display. It has 3 work modes: real-time FHR display mode, averaged FHR display mode, and manual mode .It has audio output and can be connected with earphone or recorder with audio input.

Main Features

◆Battery status indicator
◆Low power inspection of the battery
◆Built-in speaker
◆Output for headphones
◆The probe can be changeable
◆Probe inspection
◆Backlight
◆Auto shut off
◆Support 2MHz,3MHz,4MHz,5MHz,8MHz probes
◆Two pieces of standard 1.5V alkaline battery available which can work no less than 10 hours

Main performance

Anti-electroshock Type: Internally powered equipment
Anti-electroshock Degree: Type B applied part
LCD Display: 45 mm × 25 mm
FHR Measuring Range: 50 BPM ~ 240 BPM (BPM: beat per minute)
Resolution: 1 BPM
Accuracy: ± 2 BPM
Power Consumption: < 0.8 W
Voltage: DC 3.0 V
Power Supply：TWO 1.5V（AA size）alkaline battery
Suitable Using Range: Suitable for use after the 12th week of pregnancy
Auto Shut-OFF: After 1 minute no signal, power off automatically

Probe

Nominal Frequency: 2.0 MHz
Working Frequency: 2.0 MHz ± 10%Ultrasound Output Power: P < 10 mWUltrasonic Output Intensity:Isata < 5 mW/cm2Negative Peak Sound Pressure : p_ < 0.5 MPaWorking Mode: Continuous wave dopplerEffective Radiating Area of Transducer: 208 mm2 ± 15%

Physical Characteristic

Dimension: (L) 135 mm × (W) 95mm × (H) 35 mmWeight: About 180 g (including batteries)

Qualification

Passed FDA and CE

Optional

Fetal Doppler - Probes for Sonotrax

Oximeter - CMS50EL Pulse Oximeter

Instructions

Principle of the CMS50EL Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆Integrated with SpO_2 probe and processing display module
◆Small in volume、light in weight and convenient in carrying
◆Operation of the product is simple ,low power consumption
◆SpO_2 value display
◆Pulse rate value display, bar graph display
◆Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage
◆Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.

Main performance

◆**Display Mode** : LED display
◆**SpO_2 Measuring Range** : 0%～100%, (the resolution is 1%).
◆**Accuracy** : 70%～100% : ±2% ,Below 70% unspecified.
◆**PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆**Accuracy** : ±2bpm or ±2% (select larger)
◆**Measurement Performance in Weak Filling Condition:**SpO_2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO_2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆**Resistance to surrounding light:** The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆**Power Consumption** : less than 30mA
◆**Voltage:** DC 3.6V～ 4.2V
◆**Power Supply:**Voltage 3.7 rechargeable lithium battery × 1
◆**Battery working hour:** Theoretical number is 20hours.
◆**Battery working life:**Charge and discharge no less than 300 times.
◆**Safety Type:**Interior Battery，BF Type

Accessories

Sell in standard
◆A hanging rope
◆A user manual
◆A data line
◆A power adapter （GTM41076-0605;CMS0105）

Physical Identity

Dimension: 57 (L) × 32（W) × 30(H) mm
Weight: About 50g (with a lithium battery)

Oximeter - CMS50ED Pulse Oximeter

Instructions

Principle of the CMS50ED Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆Integrated with SpO_2 probe and processing display module
◆Small in volume、light in weight and convenient in carrying
◆Operation of the product is simple ,low power consumption
◆SpO_2 value display
◆Pulse rate value display, bar graph display
◆Pulse waveform display
◆The display mode can be changed
◆Screen brightness can be changed
◆Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage
◆Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
◆Display format can be saved after power off

Main performance

◆**Display Mode** : 0.96" Dual-color OLED display(blue and yellow)
◆**Screen Resolution** : 128*64
◆**SpO_2 Measuring Range** : 0%～100%, (the resolution is 1%).
◆**Accuracy** : 70%～100% : ±2% ,Below 70% unspecified.
◆**PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆**Accuracy** : ±2bpm or ±2% (select larger)
◆**Measurement Performance in Weak Filling Condition:**SpO_2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO_2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆**Resistance to surrounding light:** The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆**Power Consumption** : less than 30mA
◆**Voltage:** DC 3.6V～4.2V
◆**Power Supply:**Voltage 3.7 rechargeable lithium battery × 1
◆**Battery working hour:** Theoretical number is 20 hours.
◆**Battery working life:**Charge and discharge no less than 300 times.
◆**Safety Type:**Interior Battery，BF Type

Accessories
Sell in standard
◆A hanging rope
◆A user manual
◆A data line
◆a power adapter（GTM41076-0605;CMS0105）

Physical Identity
Dimension: 57 (L) × 32(W × 30(H) mm
Weight: About 50g (with a lithium battery)

Oximeter - CMS60F/CMS60FW Pulse Oximeter

Instructions

Principle of the CMS60F Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆ Small in volume、light in weight and convenient in carrying
◆ Operation of the product is simple ,low power consumption
◆ Operation menu for the function setting
◆ SpO2 value display
◆ Pulse rate value display, bar graph display
◆ Pulse waveform display
◆ PI Display
◆ Screen brightness can be changed
◆ A pulse rate sound indication
◆ With measured data overruns limits and low-voltage alarm function，the upper/down alarm range can be adjustable
◆ Battery capacity indication
◆ Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage ,and with alarm function
◆ With clock function
◆ Review function
◆ With data record function of multiuser, continuous record about 24 hours data for each user, and the record data can be uploaded to computer
◆ Touch key operation and locking touch key function
◆ It can be connected with adult,child,infant oximeter probe
◆ Wireless communication function（CMS60FW）

Main performance

◆ Display Mode：2.8" TFT Color display
◆ Screen Resolution：320*240
◆ SpO2 Measuring Range：0%～100%, (the resolution is 1%).
◆ Accuracy：70%～100%：±2% ,Below 70% unspecified.
◆ PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
◆ Accuracy：±2bpm or ±2% (select larger)
◆ Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆ Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.

◆ Voltage:DC 3.6V～4.2V
◆ Power Supply:Voltage 3.7 rechargeable lithium battery × 1
◆ Battery working hour: 8 hours
◆ Battery working life:Charge and discharge no less than 500 times.
◆ Safety Type:Interior Battery，BF Type

Accessories
Sell in standard
◆ a user manual
◆ A power adapter（GTM41076-0605;CMS0105）
◆ a data line
◆ a disk (PC software)
◆ An oximeter probe
Sell in addition
Other Oximeter Probe (Refer to probe application instruction for details and notice renewal）

Physical Identity
Dimension: 94.25(L) × 55.32(W) × 9.6(H) mm
Weight: About 80g (with a lithium battery)

Oximeter - CMS50G1/CMS50G2 Pulse Oximeter

Instructions

Principle of the CMS50G1/G2 Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆Integrated with SpO_2 probe and processing display module
◆Small in volume、light in weight and convenient in carrying
◆Operation of the product is simple ,low power consumption
◆SpO_2 value display
◆Pulse rate value display, bar graph display
◆Pulse waveform display
◆PI Display
◆The display mode can be changed
◆Screen brightness can be changed
◆A pulse rate sound indication
◆With measured data overruns limits and low-voltage alarm function
◆Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage，with alarm function
◆Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
◆ Display format can be saved after power off

Main performance

◆**Display Mode** : 0.96"Dual-color OLED display
◆**Screen Resolution** : 128*64
◆**SpO$_2$ Measuring Range** : 0%～100%(the resolution is 1%).
◆**Accuracy** : 70%～100% : ±2% ,Below 70% unspecified.
◆**PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆**Accuracy** : ±2bpm or ±2% (select larger)
◆**PI Measuring Range** : **0%～20%**
◆**Resolution : 0.1%**
◆**Measurement Performance in Weak Filling Condition:**SpO_2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO_2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆**Resistance to surrounding light:** The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆**Power Consumption** : less than 80mA
◆**Voltage:**DC 2.6V～3.6V
◆**Power Supply:**1.5V (AAA size) alkaline batteries × 2

◆**Battery working hour:** Theoretical number is 24 hours.
◆**Safety Type:**Interior Battery, BF Type

Accessories
Sell in standard
◆a hanging rope
◆a user manual

Physical Identity
Dimension: 57(L) × 31(W) × 32(H) mm
Weight: About 50g (with the batteries)

Oximeter - CMS50DL1 Pulse Oximeter

Instructions

Principle of the CMS50DL1 Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆ Integrated with SpO2 probe and processing display module
◆ Small in volume、light in weight and convenient in carrying
◆ Operation of the product is simple ,low power consumption
◆ SpO2 value display
◆ Pulse rate value display, bar graph display
◆ Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage
◆ Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.

Main performance

◆ **Display Mode** : LED display
◆ **SpO2 Measuring Range** : 0%～100%, (the resolution is 1%).
◆ **Accuracy** : 70%～100% : ±2% ,Below 70% unspecified.
◆ **PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆ **Accuracy** : ±2bpm or ±2% (select larger)
◆ **Measurement Performance in Weak Filling Condition:**SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆ **Resistance to surrounding light:** The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆ **Power Consumption** : less than 25mA
◆ **Voltage:** DC 2.6V～3.6V
◆ **Power Supply:**1.5V (AAA size) alkaline batteries × 2
◆ **Battery working hour:** Theoretical number is 20hours.
◆ **Safety Type:**Interior Battery，BF Type

Accessories

Sell in standard
◆ a hanging rope
◆ a user manual

Physical Identity

◆**Dimension:** 61(L) × 36(W) × 32(H) mm
◆**Weight:** About 50g (with the batteries)

Oximeter - CMS50D1 Pulse Oximeter

Instructions

Principle of the CMS50D1 Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆ Integrated with SpO2 probe and processing display module
◆ Small in volume、light in weight and convenient in carrying
◆ Operation of the product is simple ,low power consumption
◆ SpO2 value display
◆ Pulse rate value display, bar graph display
◆ Pulse waveform display
◆ The display mode can be changed
◆ Screen brightness can be changed
◆ Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage
◆ Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
◆ Display format can be saved after power off

Main performance

◆ **Display Mode** : 0.96" Dual-color OLED display(blue and yellow)
◆ **Screen Resolution** : 128*64
◆ **SpO2 Measuring Range** : 0%～100%, (the resolution is 1%).
◆ **Accuracy** : 70%～100% : ±2% ,Below 70% unspecified.
◆ **PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆ **Accuracy** : ±2bpm or ±2% (select larger)
◆ **Measurement Performance in Weak Filling Condition:**SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆ **Resistance to surrounding light:** The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%
◆ **Power Consumption** : less than 30mA
◆ **Voltage:** DC 2.6V~3.6V
◆ **Power Supply:**1.5V (AAA size) alkaline batteries × 2
◆ **Battery working hour:** Theoretical number is 32 hours.
◆ **Safety Type:**Interior Battery，BF Type

Accessories
Sell in standard
◆ a hanging rope
◆ a user manual

Physical Identity
◆ **Dimension:** 61(L) × 36(W) × 32(H) mm
◆ **Weight:** About 60g (with the batteries)

Oximeter - PM60E Pulse Oximeter CO2 Apparatus

Feature

PM60E base on the intellectualized opearating system flat,provide the analyse fuction of CO_2 after the patient breath out, and provide accurate data and analyse report for you Performance

Specifications

- Display: 3.5" TFT
- Display mode: Parameter mode & Waveform face
- Battery:

Builtin Li-Polymer, 6 hours for charging , 3.7v,1900mah
9 hours for continous working in the mode 1 or 2
3 hours for continou working in the mode 3 or 4
4 hours for continous working in the mode 5

- Trend Graph/Table:

Resolution from 1s, 5s, 10s,30s,1min,and so on. Storage of latest 96 hours trend data.

- SpO_2 drop analysis
- History:

Storage of latest 10000 case history in SD card.

- Wave:

Storage of 24 hours waveform, and only the real time stored patients have waveform

- Alarm:

Ajustable High and Low limits . Three level audible and visual alarm , latest 50 alarm information and waveform displays 8 sec-onds which 4 seconds are before a certain time when the alarm is turned on and 4 seconds are after appointed time when the alarm is turned on.

SPO$_2$

- Measurement Range: 0 ~ 100%
- Resolution: 1%
- Accuracy: ± 2 % (70% ~ 100%)

0% ~ 69% unspecified

- Alarm Range: 0% ~ 100%
- Refreshing Rate: 1s

Pulse Rate:

- Measurement Range: 25 ~ 250 bpm
- Alarm Range: 25 ~ 250 bmp
- Resolution: 1bpm
- Accuracy: ± 3 bpm
- Refreshing Rate: 1s

ETCO2:

- Measurement Range: 0 ~ 150 mmHg
- Resolution: 0.1mmHg
- Accuracy: ± 2mmHg
- Alarm Range: 0 ~ 150 mmHg

AWRR:

- Measurement Range: 0 ~ 150 bpm
- Resolution: 1bpm
- Accuracy: ± 1bpm
- Alarm Range: 0~ 150bpm

Components

- Main Unit
- SpO_2 Sensor
- 1 G High Speed SD Card
- Micro Stream End Tidal CO_2 Module

Oximeter - CMS50R Pulse Oximeter

Major Features

■Integrated with SpO_2 probe and processing display module
■Small in volume, light in weight and convenient in carrying
■Operation of the product is simple ,low power consumption
■SpO_2 value display
■Pulse rate value display
■With measured data overruns limits and low-voltage alarm function
■Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage, and with alarm function
■Automatically power off function: when the device is under the state of measuring interface .It will automatically power off within 5 seconds if the finger falls out of probe
■Fashion appearance, ring style

Main performance

Display Mode: segment LCD display
SpO_2 Measuring Range: 0%～100%, (the resolution is 1%).
Accuracy: 70%～100%: ±2% ,Below 70% unspecified.
PR Measuring Range: 30bpm～250bpm, (the resolution is 1bpm)
Accuracy: ±2bpm or ±2% (select larger)
Measurement Performance in Weak Filling Condition:
SpO_2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO_2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
Resistance to Surrounding Light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
Voltage: DC 3.6V～4.2V
Power Supply: Voltage 3.6 rechargeable lithium battery × 1
Battery Working Hour: 2 hours
Battery working life: Charge and discharge no less than 300 times.
Safety Type: Interior Battery, BF Type

Accessories

Sell in standard:
■A user manual
■One rechargeable button lithium battery
■Charge accessories: One power adapter, one charger, one data line

Physical Identity

Dimension: 32(L) × 28(W) × 40(H) mm
Weight: About 14g (with a button lithium battery)

Oximeter - CMS50I/CMS50IW Pulse Oximeter

Instructions

Principle of the CMS50I Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

■Small in volume, light in weight and convenient in carrying
■Operation of the product is simple ,low power consumption
■Operation menu for the function setting
■SpO2 value display
■Pulse rate value display, bar graph display
■Pulse waveform display
■With PI display
■The display mode can be changed
■Screen brightness can be changed
■A pulse rate sound indication
■Multi-time segment storage
■With measured data overruns limits and low-voltage alarm function, the upper/down alarm range can be adjustable
■Battery capacity indication
■Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage ,and with alarm function
■With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers
■Real-time data can be transmitted to computers (Only CMS50IW）
■Connected with an external oximeter probe
■Power-off :long press power button to turn off the device
■Wireless communication function (Only CMS50IW）

Main performance

Display Mode：1.5" Color OLED display
Screen Resolution：128*128
SpO2 Measuring Range：0%～100%, (the resolution is 1%).
Accuracy：70%～100%：±2% ,Below 70% unspecified.
PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
Accuracy：±2bpm or ±2% (select larger)

Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).

Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.

Power Consumption : less than 100mA

Voltage:DC 3.6V∼4.2V

Power Supply:Voltage 3.7 rechargeable lithium battery × 1

Battery working hour:10 hours

Battery working life:Charge and discharge no less than 500 times.

Safety Type:Interior Battery，BF Type

Accessories

Sell in standard

■A user manual

■A data line

■A disk (PC software)

■An adult-oximeter probe

■Two One-off adhesive SpO2 probe

■A power adapter（GTM41076-0605 or CMS0105

Sell in addition

■Other oximeter probe(Refer to probe application instruction for details and notice renewal）

Physical Identity

Dimension: 63(L) × 55(W) ×15(H) mm

Weight: About 45g (with the lithium battery)

Oximeter - CMS50QB Pulse Oximeter

Instructions

Principle of the CMS50QB Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

■Integrated with SpO2 probe and processing display module
■Small in volume、light in weight and convenient in carrying
■Operation of the product is simple ,low power consumption
■SpO2 value display
■Pulse rate value display, bar graph display
■Pulse waveform display
■The display mode can be changed
■With measured data overruns limits and low-voltage alarm function
■Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage
■Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
■Display format can be saved after power off
■Small appearance,more fit for children

Main performance

Display Mode：0.96"Dual-color OLED display
Screen Resolution：128*64
SpO2 Measuring Range：0%～100%, (the resolution is 1%).
Accuracy：70%～100%：±2% ,Below 70% unspecified.
PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
Accuracy：±2bpm or ±2% (select larger)
Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
Power Consumption：less than 80mA
Voltage:DC 3.6V～4.2V
Power Supply:Voltage 3.6 rechargeable lithium battery × 1
Battery working hour: 6 hours
Battery working life:Charge and discharge no less than 300 times.
Safety Type:Interior Battery，BF Type

Accessories

Sell in standard
■a hanging rope
■a user manual
■One rechargeable buttony lithium battery
■Charge accessories: One power adapter, one charger, one data line

Physical Identity

Dimension: 46(L) × 40(W) × 29(H) mm
Weight: About 35g (with a rechargeable button battery)

50QB

50QA

Oximeter - CMS50QA Pulse Oximeter

Instructions

Principle of the CMS50QA Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc

Major Features

■Integrated with SpO2 probe and processing display module
■Small in volume、light in weight and convenient in carrying
■Operation of the product is simple ,low power consumption
■SpO2 value display
■Pulse rate value display, bar graph display
■A pulse rate sound indication
■With measured data overruns limits and low-voltage alarm function
■Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage，and with alarm function
■Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
■Small appearance,more fit for children

Main performance

Display Mode：Segment LCD display
SpO2 Measuring Range：0%～100%, (the resolution is 1%).
Accuracy：70%～100%：±2% ,Below 70% unspecified.
PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
Accuracy：±2bpm or ±2% (select larger)
Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
Power Consumption：less than 50mA
Voltage:DC 3.6V～4.2V
Power Supply:Voltage 3.6 rechargeable lithium battery × 1
Battery working hour:10 hours
Battery working life:Charge and discharge no less than 300 times.
Safety Type:Interior Battery，BF Type

Accessories

Sell in standard
■a hanging rope
■a user manual

■One rechargeable buttony lithium battery
■Charge accessories: One power adapter, one charger, one data line

Physical Identity

Dimension: 46(L) × 40(W) × 29(H) mm
Weight: About 35g (with a button lithium battery)

Oximeter - CMS50H Pulse Oximeter

Instructions

Principle of the CMS50H Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆Integrated with SpO2 probe and processing display module
◆Small in volume、light in weight and convenient in carrying
◆Operation of the product is simple ,low power consumption
◆Operation menu for the function setting
◆SpO2 value display
◆Pulse rate value display, bar graph display
◆Pulse waveform display
◆Perfusion Index value display
◆With direction sensor,the display direction can be changed by automatic or manual mode
◆Screen brightness can be changed
◆A pulse rate sound indication
◆With measured data overruns limits and low-voltage alarm function，the upper/down alarm range can be adjustable
◆Battery capacity indication
◆Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage，and with alarm function
◆With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers
◆Real-time data can be transmitted to computers
◆Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
◆Can be connected with an external oximeter probe(optional)

Main performance

Display Mode：1.3" 65K True color OLED display
◆Screen Resolution：128*96
◆SpO2 Measuring Range：0%～100%, (the resolution is 1%).
◆Accuracy：70%～100%：±2% ,Below 70% unspecified.

◆PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
◆Accuracy：±2bpm or ±2% (select larger)
◆Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆Power Consumption：less than 100mA
◆Voltage:DC 3.6V～4.2V
◆Power Supply:Voltage 3.7 rechargeable lithium battery × 1
◆Battery working hour:20 hours
◆Battery working life:Charge and discharge no less than 500 times.
◆Safety Type:Interior Battery，BF Type

Accessories
Sell in standard
◆A hanging rope
◆A user manual
◆A data line
◆A disk (PC software)
Sell in addition
A Oximeter Probe（Refer to probe application instruction for details and notice renewal）

Physical Identity
Dimension: 58(L) × 36(W) × 26(H) mm
Weight: About 45g (with a lithium battery)

Oximeter - CMS50D+ Pulse Oximeter

Instructions

Principle of the CMS50D+ Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆ ntegrated with SpO2 probe and processing display module
◆ Small in volume、light in weight and convenient in carrying
◆ Operation of the product is simple ,low power consumption
◆ Operation menu for the function setting
◆ SpO2 value display
◆ Pulse rate value display, bar graph display
◆ Pulse waveform display
◆ The display mode can be changed
◆ A pulse rate sound indication
◆ With measured data overruns limits and low-voltage alarm function，the upper/down alarm range can be adjustable
◆ Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage，and with alarm function
◆ With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers
◆ Real-time data can be transmitted to computers
◆ RF Wireless communication function(option)
◆ Connected with an external oximeter probe(option)
◆ Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.

Main performance

◆ **Display Mode** : 0.96" Dual color OLED display
◆ **Screen Resolution** : 128*64
◆ **SpO2 Measuring Range** : 0%～100%, (the resolution is 1%).
◆ **Accuracy** : 70%～100%：±2% ,Below 70% unspecified.
◆ **PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆ Accuracy：±2bpm or ±2% (select larger)

◆ **Measurement Performance in Weak Filling Condition:**SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆ **Resistance to surrounding light:** The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆ **Power Consumption** : less than 80mA
◆ **Voltage:**DC 2.6V～3.6V
◆ **Power Supply:**1.5V (AAA size) alkaline batteries × 2
◆ **Battery working hour:** The minimum continually work time is 24hours，theoretical number is 32 hours.
◆ **Safety Type:** Interior Battery, BF Type

Accessories
Sell in standard
◆ a hanging rope
◆ a user manual
◆ a data line
◆ a disk (PC software)
Sell in addition
◆ Wireless Module
◆ Oximeter Probe(Refer to probe application instruction for details and notice renewal）

Physical Identity
◆**Dimension:** 58.5(L) × 31(W) × 32 (H) mm
◆**Weight:** About 52g (with the batteries)

Oximeter - CMS60D/CMS60DW Pulse Oximeter

Instructions

Principle of the CMS60D Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

■Small in volume、light in weight and convenient in carrying
■Operation of the product is simple ,low power consumption
■Operation menu for the function setting
■SpO2 value display
■Pulse rate value display, bar graph display
■Pulse waveform display
■Screen brightness can be changed
■Pulse rate sound indication
■With review function
■With clock function
■With measured data overruns limits and low-voltage alarm function
■Battery capacity indication
■Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage ,and with alarm function
■With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers
■Real-time data can be transmitted to computers
■Connected with an external oximeter probe
■Wireless communication function（CMS60DW）

Main performance

Display Mode：1.8" Color OLED display
Screen Resolution：160*128
SpO2 Measuring Range：0%～100%, (the resolution is 1%).
Accuracy：70%～100%：±2% ,Below 70% unspecified.
PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
Accuracy：±2bpm or ±2% (select larger)
Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
Resistance to surrounding light: The deviation between the value measured in the condition of man-made

light or indoor natural light and that of darkroom is less than ±1%.
Power Consumption：less than 100mA
Voltage: DC 2.6V~3.6V
Power Supply: Dry battery(2AA)
Battery working hour: Theoretical number is 44 hours.
Safety Type:Interior Battery，BF Type

Accessories
Sell in standard
■A user manual
■Adata line
■A disk (PC software)
■An oximeter probe
Sell in addition
■Other oximeter probe(Refer to probe application instruction for details and notice renewal）

Physical Identity
Dimension: 110(L) × 60(W) × 23(H) mm
Weight: About 180g (with Alkaline battery (2AA))

Oximeter - CMS50DL Pulse Oximeter

Instructions

Principle of the CMS50DL Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

υ◆ Integrated with SpO2 probe and processing display module

υ◆Small in volume、light in weight and convenient in carrying

υ◆ Operation of the product is simple ,low power consumption

υ◆ SpO2 value display

υ◆ Pulse rate value display, bar graph display

υ◆ Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage

υ◆ Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.

υ◆ Various color of cover can be selected

Main performance

υ◆Display Mode：LED display

υ◆SpO2 Measuring Range：0%～100%, (the resolution is 1%).

υ◆ Accuracy：70%～100%：±2% ,Below 70% unspecified.

υ◆ PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)

υ◆ Accuracy：±2bpm or ±2% (select larger)

υ◆ Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).

υ◆ Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.

υ◆ Power Consumption：less than 25mA

υ◆ Voltage: DC 2.6V～3.6V

υ◆ Power Supply:1.5V (AAA size) alkaline batteries × 2

υ◆ Battery working hour: Theoretical number is 20hours.

υ◆ Safety Type:Interior Battery，BF Type

Accessories

Sell in standard

υ◆ a hanging rope

υ◆a user manual

Physical Identity

Dimension: 57(L) × 31(W) × 32(H) mm
Weight: About 50g (with the batteries)

Oximeter - CMS50E Pulse Oximeter

Instructions

Principle of the CMS50E Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆ Integrated with SpO2 probe and processing display module
◆ Small in volume、light in weight and convenient in carrying
◆ Operation of the product is simple ,low power consumption
◆ Operation menu for the function setting
◆ SpO2 value display
◆ Pulse rate value display, bar graph display
◆ Pulse waveform display
◆ The display mode can be changed
◆ Screen brightness can be changed
◆ A pulse rate sound indication
◆ With measured data overruns limits and low-voltage alarm function，the upper/down alarm range can be adjustable
◆ Battery capacity indication
◆ Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage, and with alarm function
□◆ With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers）
□◆ Real-time data can be transmitted to computers
□◆ Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
□◆RF Wireless communication function(option)（only applied for Ver6.6R or above ）
□◆ Connected with an external oximeter probe(option)（CMS50EW，only applied for Ver6.6R or above of CMS50E

Main performance

□◆ Display Mode：1.3" 65K Color OLED display
□◆Screen Resolution：128*96
□◆ SpO2 Measuring Range：0%～100%, (the resolution is 1%).
□◆ Accuracy：70%～100%：±2% ,Below 70% unspecified.
□◆ PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
□◆ Accuracy：±2bpm or ±2% (select larger)
□◆ Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
□◆ Resistance to surrounding light: The deviation between the value measured in the condition
□◆ of man-made light or indoor natural light and that of darkroom is less than ±1%.
□◆ Power Consumption：less than 100mA
□◆ Voltage:DC 3.6V～4.2V
□◆ Power Supply:Voltage 3.7 rechargeable lithium battery × 1
□◆ Battery working hour:20 hours

□◆ Battery working life:Charge and discharge no less than 500 times.
□ ◆Safety Type:Interior Battery，BF Type

Accessories

Sell in standard

□◆ a hanging rope

□◆ a user manual

□◆ a data line

□◆ a disk (PC software)

□◆ a power adapter （GTM41076-0605;CMS0105）

Sell in addition

Oximeter Probe(Refer to probe application instruction for details and notice renewal）

RF Wireless Module"（only applied for Ver6.6R or above of CMS50E)

Physical Identity

Dimension: 57(L) × 32(W) × 30 (H) mm

Weight: About 50g (with the lithium battery)

Oximeter - CMS50D Pulse Oximeter

Instructions

Principle of the CMS50D Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆ Integrated with SpO2 probe and processing display module
◆ Small in volume、light in weight and convenient in carrying
◆ Operation of the product is simple ,low power consumption
◆ SpO2 value display
◆ Pulse rate value display, bar graph display
◆ Pulse waveform display
◆ The display mode can be changed
◆ Screen brightness can be changed
◆ Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage
◆ Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.
◆ Display format can be saved after power off

Main performance

◆ **Display Mode** : 0.96" Dual-color OLED display(blue and yellow)
◆ **Screen Resolution** : 128*64
◆ **SpO2 Measuring Range** : 0%～100%, (the resolution is 1%).
◆ **Accuracy** : 70%～100%：±2% ,Below 70% unspecified.
◆ **PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆ **Accuracy** : ±2bpm or ±2% (select larger)
◆ **Measurement Performance in Weak Filling Condition:**SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆ **Resistance to surrounding light:** The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%
◆ **Power Consumption** : less than 30mA
◆ **Voltage:** DC 2.6V～3.6V
◆ **Power Supply:**1.5V (AAA size) alkaline batteries × 2
◆ **Battery working hour:** Theoretical number is 32 hours.
◆ **Safety Type:**Interior Battery，BF Type

Accessories

Sell in standard

◆ a hanging rope

◆ a user manual

Physical Identity

◆**Dimension:** 57(L) × 31(W) × 32(H) mm

◆**Weight:** About 50g (with the batteries

Oximeter - CMS50L Pulse Oximeter

Instructions

Principle of the CMS50L Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

■Integrated with SpO2 probe and processing display module
■Small in volume、light in weight and convenient in carrying
■Operation of the product is simple ,low power consumption
■SpO2 value display
■Pulse rate value display, bar graph display
■Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage
■Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.

Main performance

Display Mode：LED display
SpO2 Measuring Range：0%～100%, (the resolution is 1%).
Accuracy：70%～100%：±2% ,Below 70% unspecified.
PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
Accuracy：±2bpm or ±2% (select larger)
Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
Power Consumption：less than 25mA
Voltage:DC 2.6V~3.6V
Power Supply:1.5V (AAA size) alkaline batteries × 2
Battery working hour:The minimum continually work time is 24 hours，theoretical number is 56 hours.
Safety Type:Interior Battery，BF Type

Accessories

Sell in standard
■a hanging rope
■a user manual

Physical Identity

Dimension: 66(L) × 36(W) × 33(H) mm
Weight: About 50g (with the batteries)

Oximeter - CMS50A Pulse Oximeter

Instructions

Principle of the CMS50A Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

Major Features

◆Integrated with SpO2 probe and processing display module
◆Small in volume、light in weight and convenient in carrying
◆Operation of the product is simple ,low power consumption
◆SpO2 value display
◆Pulse rate value display, bar graph display
◆Pulse waveform display
◆Battery capacity indication
◆With backlight
◆Automatically power off function: when the device is under the state of measuring interface . it will automatically power off within 5 seconds if the finger falls out of probe.

Main performance

◆**Display Mode** : 1.3" LCD display
◆**Screen Resolution** : 128*64
◆**SpO2 Measuring Range** : 0%～100%, (the resolution is 1%).
◆**Accuracy** : **70%～100%** : ±2% ,Below 70% unspecified.
◆**PR Measuring Range** : 30bpm～250bpm, (the resolution is 1bpm)
◆**Accuracy** : ±2bpm or ±2% (select larger)
◆**Measurement Performance in Weak Filling Condition:**SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
◆Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
◆Power Consumption : Smaller than 40mA.
◆Voltage: DC 2.6V-3.6V
◆Power Supply:1.5V (AAA size) alkaline batteries × 2
◆Battery working hour: The minimum continually work time is 15 hours，theoretical number is 28 hours.
◆Safety Type:Interior Battery，BF Type

Accessories

Sell in standard
◆a hanging rope
◆a user manual

Physical Identity

Dimension: 65(L) × 35(W) × 40 (H) mm
Weight: About 75g (with the batteries)