23D.I
Electric Suction Device
(Mobile)

Features

1. Imported membrane pump with longer life
2. Low noise and maintenance-free
3. With overflow protection unit to prevent liquid from getting into pump body
4. Be equipped with hand switch and foot switch
5. Used for operations and wards for taking out puts, blood, sputum and other thick liquid from human body.
6. All plastic enclosure which is formed in one piece

Technical Specifications

PARAMETER	SPECIFICATION
Power Voltage	AC 220V±10%, 50Hz±2%
Suction Rate	≥40L/min
Negative Pressure Range	0.013-0.09Mpa (680mmHg)
Suction Bottle	2500mlx2 (glass bottle)
Input Power	400VA
Noise	≤65dB

23B.III Electric Suction Device
(Mobile)

Features

1. Imported membrane pump with longer life
2. Low noise and maintenance-free
3. With overflow protection unit to prevent liquid from getting into pump body
4. Be equipped with hand switch and foot switch
5. Used for operations and wards for taking out puts, blood, sputum and other thick liquid from human body.
6. All plastic enclosure which is formed in one piece

Technical Specifications

PARAMETER	SPECIFICATION
Power Voltage	AC 220V±10%, 50Hz±2%
Suction Rate	≥28L/min
Negative Pressure Range	0.013-0.09Mpa (680mmHg)
Suction Bottle	1000ml plastic bottle
Input Power	150VA
Noise	≤55dB

Add: Block C, CC Park, No.728 Lanzhou Road, Baohe Industrial Zone, Hefei, China.
Tel: 0086-551-63802963   **Fax:** 0086-551-63802920
Web: www.ari-cn.com   **Email:** sales@ari-cn.com

Mobile Access

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23C.II
Electric Suction Device
(Mobile)

Features

1. Imported membrane pump with longer life
2. Low noise and maintenance-free
3. With overflow protection unit to prevent liquid from getting into pump body
4. Be equipped with hand switch and foot switch
5. Used for operations and wards for taking out puts, blood, sputum and other thick liquid from human body.
6. All plastic enclosure which is formed in one piece

Technical Specifications

PARAMETER	SPECIFICATION
Power Voltage	AC 220V±10%, 50Hz±2%
Suction Rate	≥40L/min
Negative Pressure Range	0.013-0.09Mpa (680mmHg)
Suction Bottle	2500mlx2 (glass bottle)
Input Power	400VA
Noise	≤65dB

23C.X
Electric Suction Device
(Mobile)

Features

1. Imported membrane pump with longer life
2. Low noise and maintenance-free
3. With overflow protection unit to prevent liquid from getting into pump body
4. Be equipped with hand switch and foot switch
5. Adopts high quality cold plate shell
6. Used for operations and wards for taking out puts, blood, sputum and other thick liquid from human body.

Technical Specifications

PARAMETER	SPECIFICATION
Power Voltage	AC 220V±10%, 50Hz±2%
Suction Rate	≥80L/min
Negative Pressure Range	0.013-0.09Mpa (680mmHg)
Suction Bottle	2500mlx2 (glass bottle)
Input Power	400VA
Noise	≤65dB
Package	47*47*96cm, 45kg

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Mobile Access

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LC-06C
Low Speed Centrifuge

Specifications

-Time: 0-99min
-Max RCF: 5200xg
-Max RPM: 6000RPM, stepless speed adjustment
-Rotor capacity: 15ml*12 (Standard Rotor 1)
-Voltage: 110V 60Hz/220V 50Hz
-Dimension: 280*310*265mm； Weight: 9kg
-Strong plastic case with metal lid
-Microprocessor control
-High brushless motor
-LED display speed and time
-Over speed and imbalance alarm
-With safety switch and electromagnetic door locks
-Error code display, speed up and down adjustment
-Suitable for qualitative analysis of blood serum and plasma in hospitals and biochemical laboratories

Optional Rotors

MODEL	MAX SPEED	ROTOR CAPACITY	MAX RCF
Rotor 1	6000 rpm	15ml*12	5200xg
Rotor 2	6000 rpm	20ml*6	4000xg
Rotor 3	6000 rpm	20ml*8	5200xg
Rotor 4	6000 rpm	15ml*18	5200xg

TDL-4C
Low Speed Centrifuge

Specifications

-Time: 0-99min
-Max RCF: 2755xg
-Max RPM: 4000RPM, stepless speed adjustment
-Rotor capacity: swing rotor 100ml*4, 50ml*8, 15ml*16, 10ml*24
-Voltage: 110V 60Hz/220V 50Hz
-Dimension: 450*550*450mm
-Weight: 44kg
-Strong metal case, big capacity, low noise
-Swing rotor, suitable for 4 different tubes
-High power brushless motor
-LED display speed and time
-Over speed and imbalance alarm
-With safety switch and electromagnetic door locks
-Error code display, speed up and down adjustment
-Stainless steel chamber and hood
-Suitable for qualitative analysis of blood serum and plasma in hospitals and biochemical laboratories

TDL-5A Low Speed Centrifuge

Specifications

-Time: 0-99min
-Max RCF: 4390xg
-Max RPM: 5000RPM, stepless speed adjustment
-Rotor capacity: swing rotor 250ml*4, 50ml*8, 15ml*28, 10ml*36
-Voltage: 110V 60Hz/220V 50Hz
-Dimension: 450*550*450mm
-Weight: 48kg
-Strong metal case, big capacity, low noise
-Swing rotor, suitable for 4 different tubes
-High power brushless motor -LED display speed and time
-Over speed and imbalance alarm
-With safety switch and electromagnetic door locks
-Error code display, speed up and down adjustment
-Stainless steel chamber and hood
-Suitable for qualitative analysis of blood serum and plasma in hospitals and biochemical laboratories

XSZ-107BN
Biological Microscope

Specifications

-Viewing head: Sliding Binocular Head Inclined at 45°
-Eyepieces: Wide Field Eyepiece, WF10X (WF16X optional)
-Achromatic objective: 4X, 10X, 40X (S), 100X (S, Oil)
-Stage: Double Layer Mechanical
-Stage size: 140mm*140mm
-Moving Range: 75mm*45mm
-Focusing: Coaxial Coarse and Fine Adjustment
-Focusing Range: 30mm
-Focusing Interval: 0.002mm
-Condenser: N.A=1.25 Abbe condenser, Iris diaphragm & filter
-Illumination: Halogen Lamp 220V/6V20W or 110V/6V20W (LED lamp optional)

ECG-C03B
ECG Machine
(3 Channel)

Introduction

The ECG-C03B is an advanced and reliable ECG machine helping clinicians make fast and accurate ECG diagnosis. It is configured with color screen, high accuracy thermal printing system and big capacity battery power supply, with multi working modes and rich menu setting to improve using experiences. This machine can analyze over 200 kinds of abnormal ECG. It can be widely used in various medical institutions or occasions.

Product Features

Sampling and Interpretation
- Acquisition and record standard 12 lead ECG simultaneously (I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6).
- High accuracy AC filter, EMG filter and base line anti-drift filter. Automatic base line adjustment.
- Accurate pulse pace identification function.
- Excellent auto-interpretation function can identify and analyze over 200 kinds of abnormal ECG. (Analysis data base: Minnesota Code).

Record
- 8 dots, high resolution thermal printing.
- Four working modes: Auto, Manual, Rhythm, Exam. to meet different clinical requirements.
- Recording format: 3chx4, 3chx4+R
- Printing paper size: 80mmx20m, roll paper. (Thermal paper without grid is also available.)

Patient Information and File Management
- Easy to input and edit patient information.
- Can record detailed patient information, including name, ID, age, gender, nation, medical card number and hospital name.
- Can store, replay and edit 400 ECG cases with internal memory card.
- Patient ECG report can be transferred to external USB disk.

Display and Keypad
- 320x240 graphic, 3.5inch color LCD to display detailed ECG waveform and working status. (Display ECG waveform, patient information, sensitivity, paper speed, filter, date and time, heart rate, battery status, paper status and etc.)
- Soft silicon keyboard to operate and input information.
- One-key operation to support fast ECG examination.

Power Supply
- Rechargeable built-in Li-ion battery, 2200mAh, 14.4V, support to continuously work about 9 hours.
- Fast charging design, about 2.5 hours to charge full.
- Adapt for power supply of 110-230V, 50/60Hz.

Physical Design
- Compact and ergonomic design, easy to carry and operate.
- Small size and light weight, very convenient for mobile diagnostics.
- Measurement: 300mmx230mmx75mm, 2.8kgs.

Communication
- With UART and USB communication port.
- Support transferring ECG files to external USB disk. Uses can manage the ECG files in computer.
- Support connecting to bar-cold scanner to scan patient code.

Accessories

| Patient Cable | Chest Electrodes | Limb Electrodes | Thermal Paper | Paper Axis | Power Cable | Grounding Cable | Fuse |

Technical Specifications

PARAMETER	SPECIFICATION
Lead	Standard 12 leads
Lead acquisition	Synchronously 12 leads acquisition
Work mode	Manual / Auto / Rhythm / Eaxm.
Filter	AC Filter: 50Hz / 60Hz EMG Filter: 25Hz / 45Hz Anti-Drift Filter: 0.15Hz (Adaptive)

CMMR	≥120dB (with AC filter)
Input circuit	Floating; Protection circuit against defibrillator effect
Input Impedance	≥50MΩ
Input circuit current	≤0.05μA
Patient current leakage	<10μA
Calibrating voltage	1mV±2％
Voltage tolerance	≥±500mV
Time constant	≥3.2s
Frequency response	0.05～160Hz(-3db)
Noise level	<15μVp-p
Inter-channel Interference	≤0.5mm
Sensitivity	5，10，20, 40, Auto (mm/mV)
Recording mode	3chx4, 3chx4+R
Paper speed	12.5, 25, 25, 50mm/s (+/-3%)
Recording paper	80mmx20m high resolution thermal roll paper
Display	3.5 inch color LCD
Internal memory	400 patient cases storage
Communication port	USB, UART
Power Supply	AC 75-265V(±10%), 50/60Hz, 60VA DC Rechargeable Li-ion battery,14.4V, 2200mAh
Dimension/Weight	300mmx230mmx75mm/2.8Kgs.

ECG-C03W
ECG Machine
(3 Channel)

Product Features

- Portable and delicate design, easy to operate.
- Accurate pulse pace identification function.
- High accuracy digital filter, automatic baseline adjustment.
- Working modes: Manual, Automatic, R-R, Store.
- 80mm, 3 channel format recording, excellent automatic interpretation.
- 800x480 graphic 5inch color LCD to simultaneously display ECG information.
- 250 patient cases storage (SD card storage is optional).
- With alphanumeric keyboard, very convenient to use.
- Detailed patient information input and record.
- With Freeze function.
- Adapt to 110-230V, 50/60Hz power supply. Built-in rechargeable Li-ion battery.
- USB / UART communication ports support USB storage, laser printer printing and PC ECG software (Optional).

Technical Specifications

PARAMETER	SPECIFICATION
Lead	Standard 12 leads
Lead acquisition	12 leads synchronously acquisition
Work mode	Manual / Auto / R-R / Store
Filter	AC Filter: 50Hz / 60Hz EMG Filter: 25Hz / 45Hz Anti-Drift Filter: 0.15Hz (Adaptive)
CMMR	≥120dB (with AC filter)
Input circuit	Floating; Protection circuit against defibrillator effect

Input Impedance	≥50MΩ
Input circuit current	≤0.05μA
Patient current leakage	<10μA
Calibrating voltage	1mV±2％
Voltage tolerance	≥±500mV
Time constant	≥3.2s
Frequency response	0.05～160Hz(-3db)
Noise level	<15μVp-p
Inter-channel Interference	≤0.5mm
Sensitivity	Auto, 2.5, 5, 10, 20, 40mm/mV (±3%)
Recording mode	1ch+, 3ch, 3ch+
Paper speed	6.25, 12.5, 25, 50mm/s (±3%)
Recording paper	80mmx20m roll paper
Working environment	Temperature 5-40 C; Humidity 25-95%
Power Supply	. AC 110-230V (±10%), 50/60Hz (±1Hz) . DC Built-in rechargeable Li-ion battery, 14.4V, 2200mAh
Communication Port	USB, UART
Dimension/Weight	300mmx230mmx75mm/2.8Kgs.

Main Accessories and Packing List

Patient Cable   Chest Electrode   Limb Electrode   Power Cable

Grounding Cable   Thermal Paper   Paper Axis   Fuse

Main unit :	1set	Grounding cable :	1pc
Patient cable :	1pc	Fuse :	2pcs
Limb electrode :	1set (4 pcs)	Paper axis :	1pc
Chest electrode :	1set (6 pcs)	Recording paper :	1roll (80mm x 20m)
Power cable :	1pc	Operation manual :	1copy

All specifications are subject to change without prior notice.

ECG-C06G
ECG Machine
(6 Channel)

Product Features

- Portable and delicate design, big touch screen to display, easy to operate.
- Accurate pulse pace identification function.
- High accuracy digital filter, automatic baseline adjustment.
- Working modes: Manual, Automatic, R-R, Store.
- 112mm, 6 channel format recording, excellent automatic interpretation.
- 800x480 graphic 7 inch color touch LCD to simultaneously display ECG information.
- 250 patient cases storage (SD card storage is optional).
- Detailed patient information record.
- Adapt to 110-230V, 50/60Hz power supply. Built-in rechargeable Li-ion battery supports continuously working for about 9 hours.
- USB / UART communication ports support USB storage, laser printer printing and PC ECG software (Optional).

Technical Specifications

PARAMETER	SPECIFICATION
Lead	Standard 12 leads
Lead acquisition	12 leads synchronously acquisition
Work mode	Manual / Auto / R-R / Store
Filter	AC Filter: 50Hz / 60Hz
	EMG Filter: 25Hz / 45Hz
	Anti-Drift Filter: 0.15Hz (Adaptive)
CMMR	≥120dB (with AC filter)
Input circuit	Floating; Protection circuit against defibrillator effect
Input Impedance	≥50MΩ

Input circuit current	≤0.05μA
Patient current leakage	＜10μA
Calibrating voltage	1mV±2％
Voltage tolerance	≥±500mV
Time constant	≥3.2s
Frequency response	0.05～160Hz(-3db)
Noise level	＜15μVp-p
Inter-channel Interference	≤0.5mm
Sensitivity	Auto, 2.5, 5, 10, 20, 40mm/mV (±3%)
Recording mode	3ch+, 3ch+++, 6ch
Paper speed	6.25, 12.5, 25, 50mm/s (±3%)
Recording paper	112mmx27m roll paper
Working environment	Temperature 5-40℃; Humidity 25-95%
Power Supply	. AC 110-230V (±10%), 50/60Hz (±1Hz) . DC Built-in rechargeable Li-ion battery, 14.4V, 2200mAh
Communication Port	USB, UART
Dimension/Weight	300mmx230mmx75mm/2.8Kgs.

Main Accessories and Packing List

Patient Cable   Chest Electrode   Limb Electrode   Power Cable

Grounding Cable   Thermal Paper   Paper Axis   Fuse

Main unit :	1set	Grounding cable :	1pc
Patient cable :	1pc	Fuse :	2pcs
Limb electrode :	1set (4 pcs)	Paper axis :	1pc
Chest electrode :	1set (6 pcs)	Recording paper :	1roll (112mm x 27m)
Power cable :	1pc	Operation manual :	1copy

All specifications are subject to change without prior notice.

ECG-12 ECG Machine

(12 Channel)

Features

1. 7 inch high resolution color touch screen
2. Full alphanumeric keyboard with shortcut keys, efficient in operation
3. Simultaneous 12 leads ECG acquisition and display
4. Automatic ECG measurements and interpretation
5. Internal storage up to 1000 cases, convenient for case review and statistic
6. Built-in rechargeable lithium high capacity battery
7. ECG data can be transmitted to PC via USB. ECG reports can be saved, opened, in PC via ECG playback software

Technical Specifications

PARAMETER	SPECIFICATION
Lead	Standard 12 leads
Sampling mode	Simultaneous 12 leads acquisition
Sampling rate	1000Hz
A/D Converter	24bits
Frequency response	0.05 ~ 160Hz (-3db)
Operation mode	Manual, Auto, Rhythm, 1 channel 1 minute
Filter	AC Filter: 50 Hz / 60Hz
	EMG Filter: 25 Hz / 35 Hz / 45Hz/75 Hz / 100 Hz / 150Hz
	DFT filter: 0.05Hz/0.5Hz
CMRR	≥100dB (add AC filter)
Input mode	Floating and defibrillation protection
Input Impedance	≥50MΩ (10Hz)

Input circuit current	≤0.05µA
Input dynamic range	±10mVp-p
Patient leak current	< 10µA
Calibration voltage	1mV±2%
Polarizing voltage	≥±300mV
Time constant	≥3.2s
Paper specification	210mm (W)*30m(L)
Recording mode	Thermal printing system
Noise level	< 15µ Vp-p
Memory	1000 cases
Threshold	≤20µV
Wave Gain/Sensitivity	2.5mm/mV, 5mm/mV, 10mm/mV, 20mm/mV (standard sensitivity: 10mm/mV)
Wave/ Paper speed	12.5mm/s,25mm/s,50mm/s （±3%）
Machine Dimension	365.4*323*85 mm
Weight	2600g (not including the paper)
AC	100V~240V(50/60Hz)
DC	14.4V, 2500mAh, 36.00Wh (Built-in rechargeable Li-ion battery)

Standard Configuration:

1. Main machine: 1 PC
2. Patient cable: 1 PC
3. Limb electrode: 1set (4pcs)
4. Chest electrode: 1set (6pcs)
5. Power cable: 1 PC
6. 210mm*30M recording paper: 1 PC
7. Paper axis: 1 PC
8. Power cord: 1 PC

Packing:

Single package size: 43*20*42cm
Single gross weight: 5.5 KG
4 unit per carton, package size: 82.5*44.5*45cm, total gross weight 24 KG

ECG-C12B
ECG Machine
(12 Channel)

Introduction

The ECG-C12B is an advanced and reliable ECG machine helping clinicians make fast and accurate ECG diagnosis. It is configured with color screen, alphanumeric keyboard, high accuracy thermal printing system and big capacity battery power supply, with multi working modes and rich menu setting to improve using experiences. This machine can analyze over 200 kinds of abnormal ECG. It can be widely used in various medical institutions or occasions.

Product Features

Sampling and Interpretation
- Acquisition and record standard 12 lead ECG simultaneously (I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6).
- High accuracy AC filter, EMG filter and base line anti-drift filter. Automatic base line adjustment.
- Accurate pulse pace identification function.
- Excellent auto-interpretation function can identify and analyze over 200 kinds of abnormal ECG. (Analysis data base: Minnesota Code).

Record
- 8 dots, high resolution thermal printing.
- Four working modes: Auto, Manual, Rhythm, Exam. to meet different clinical requirements.
- Recording format: 6chx2+R, 6chx2+3R, 9chx1, 12chx1
- Printing paper size: 210mmx30m, roll paper. (Thermal paper without grid is also available.)

Patient Information and File Management

- With alphanumeric keyboard, very easy to input and edit patient information.
- Can record detailed patient information, including name, ID, age, gender, nation, medical card number and hospital name.
- Can store, replay and edit 400 ECG cases with internal memory card.
- Patient ECG report can be transferred to external USB disk.

Display and Keypad

- 800x480 graphic, 7inch color LCD to display detailed ECG waveform and working status. (Display ECG waveform, patient information, sensitivity, paper speed, filter, date and time, heart rate, battery status, paper status and etc.)
- Soft silicon alphanumeric keyboard to operate and input information.
- One-key operation to support fast ECG examination.

Power Supply

- Rechargeable built-in Li-ion battery, 2200mAh, 14.4V, support to continuously work about 9 hours or 18 hours.
- Fast charging design, about 2.5 or 4.5 hours to charge full.
- Adapt for power supply of 110-230V, 50/60Hz.

Physical Design

- Compact and ergonomic design, easy to carry and operate.
- Small size and light weight, very convenient for mobile diagnostics.
- Measurement: 347mmx293mmx83mm, 4.8kgs.

Communication

- With UART and USB communication port.
- Support transferring ECG files to external USB disk. Uses can manage the ECG files in computer.
- Support connecting to bar-cold scanner to scan patient code.

Accessories

| Patient Cable | Chest Electrodes | Limb Electrodes | Thermal Paper | Paper Axis | Power Cable | Grounding Cable | Fuse |

Technical Specifications

PARAMETER	SPECIFICATION
Lead	Standard 12 leads
Lead acquisition	Synchronously 12 leads acquisition
Work mode	Manual / Auto / Rhythm / Eaxm.
Filter	AC Filter: 50Hz / 60Hz EMG Filter: 25Hz / 45Hz Anti-Drift Filter: 0.15Hz (Adaptive)

CMMR	≥120dB (with AC filter)
Input circuit	Floating; Protection circuit against defibrillator effect
Input Impedance	≥50MΩ
Input circuit current	≤0.05μA
Patient current leakage	＜10μA
Calibrating voltage	1mV±2％
Voltage tolerance	≥±500mV
Time constant	≥3.2s
Frequency response	0.05～160Hz(-3db)
Noise level	＜15μVp-p
Inter-channel Interference	≤0.5mm
Sensitivity	5，10，20, 40, Auto (mm/mV)
Recording mode	6chx2+R, 6chx2+3R, 9chx1, 12chx1
Paper speed	12.5, 25, 50mm/s (+/-3%)
Recording paper	210mmx30m high resolution thermal roll paper
Display	7inch color LCD
Internal memory	400 patient cases storage
Communication port	USB, UART
Power Supply	AC 75-265V (±10%), 50/60Hz, 60VA DC Rechargeable Li-ion battery,14.4V, 2200mAh or 4400mAh
Dimension/Weight	347mmx293mmx83mm, 4.8kgs.

ARI-L10/L12/L15
Advanced Patient Monitor
(10/12/15 inch)

Overview

The ARI-L series patient monitor is designed to meet daily clinical needs and seamlessly integrate into the hospital workflow. A variety of monitor models have more and more accurate practical clinical application values. In acute care, patient monitors must be reliable, easy to use, have advanced parameters, and allow access to data when needed. When transporting patients, the equipment should be easy to carry. The ARI-L series of patient monitors are lightweight, powerful, and intuitive in user interface. They are the best choice for acute, in- and out-of-hospital transfers.

Features

-The monitor adopts Ergonomic design and a compact structure to meet the needs of various parameter detections. It is suitable for adults, children, and newborns.
-Standard parameters: SpO2, 3/5 leads ECG, PR, HR, RESP, NIBP, 2*TEMP.
-Optional parameters: EtCO2, 12 leads ECG, 2*IBP.
-10/12/15 inch color LCD screen with optional touch screen and rotator knob.
-Capable to visualize 6 or more waveform. Support color coding for different waveform.
-28 ST segment analysis with ST trend with continuous display of ST value on screen.
-Multiple screen layout to view big font size in numeric and waveform.
-Trending facilities for up to 360 hours of both graphical & numerical along with event review facility for all parameters and full waveform disclosure facility.
-Different visual alarm with color coding and audible alarms for various parameters with three levels of

volume adjustment.

-Support HL7 protocol to access the central monitoring system, low-power design, extending battery life Configure, fanless design to ensure a quieter and cleaner environment Arrhythmia detection and analysis in various leads.

Product Performance

-Standard application: 5-leads ECG, NIBP, SpO2, RESP, TEMP, PR/HR
-Optional application: Touch screen, IBP, EtCO2 (mainstream/sidestream), 12-lead ECG, recorder, CMS
-Large font, dynamic short trend display interface, calculation of hemodynamics and cardiac output.

Specifications

Display

Size: ARI-L10: 10 inches Color TFT LCD
      ARI-L12: 12 inches Color TFT LCD
      ARI-L15: 15 inches Color TFT LCD
Resolution: ARI-L10/L12: 1024*768 pixels
         ARI-L15: 1366*768 pixels

ECG

3-lead: I, II, III
5-lead: I, II, III, aVR, aVL, aVF, V
ECG Range: 0~100%
ECG Resolution: 2.36uV/LSB
HR Range: 15~300bpm(adult), 15~250bpm(pediatric/neonate)
HR Accuracy: ±1 bpm or ±1%, whichever is greater.
RR Range: 0~120bpm
RR Accuracy: 15~120rpm: ±2rpm or ±2% <15rpm: Undefined
Sweep speed: 6.25 mm/s, 12.5mm/s, 25mm/s, 50mm/s, less than ±5% error
Display sensitivity: 2.5 mm/mV (X0.25), 5 mm/mV (X0.5), 10 mm/mV (X1), 20 mm/mV (X2), 40 mm/mV (X4), Auto, less than ±5% error

SPO2

SPO2 Measurement Range: 0~100%
SPO2 Accuracy: 70 to 100%: ±2% (adult/pediatric, without motion)
              70 to 100%: ±3% (neonate, without motion)
              0 to 69%: Not specified.
PI Range: 0~20%
PR Range: 25-250bpm
PR Accuracy: ±2bpm or ±2% (whichever is greater)

TEMP

Technique: Thermal resistance

Measurement Range: 0~50.0℃

Accuracy: ±0.2°C

Resolution: 0.1°C

Refresh Rate: 1s

Alarm limit range: Temp High: (low limit +0.1℃) ~ 50.0℃

Temp Low: 0℃ ~ (high limit -0.1℃)

NIBP

Measure method: Automatic oscillation method

Pressure Range: 0~300mmHg (0~40kPa)

Pressure Accuracy: ±2mmHg or ±1% of reading (whichever is greater)

Resolution: 1mmHg or 0.1kPa

SYS Range: Adult: 40-270mmHg

Pediatric: 40-200mmHg

Neonate: 40-130mmHg

DIA Range: Adult: 10-210mmHg

Pediatric: 10-162mmHg

Neonate: 10-90mmHg

Mean Range: Adult: 20-230mmHg

Pediatric: 20-170mmHg

Neonate: 20-100mmHg

Accuracy: mean deviation<±5mmHg, standard deviation<8mmHg

Work pattern: manual, automatic, continuous measurement

Automatic mode measurement interval: 1min/ 2min/ 3min/ 4min/ 5min/ 10min/ 15min/ 30min/ 60min/ 90min/ 2h/ 3h

Continuous mode measurement time: 5 min

Maximum single measurement time: 180s

Respiration

Technique: Trans-thoracic impedance

Lead: Options are lead I and II

Respiration excitation waveform: ＜300μA RMS, 62.8kHz (±0%)

Respiration impedance range: 0.3~5Ω

Baseline impedance range: 200~2500Ω (using an ECG cable with 1kΩ resistance)

Bandwidth: 0.2~2Hz (-3 dB)

Sweep speed: 6.25 mm/s, 12.5mm/s, 25mm/s, 50mm/s

PR

Measurement range: 25bpm~250bpm

Resolution: 1bpm

Alarm limit: PR High: (PR Low limit +1bpm) ~ 300bpm

PR Low: 15bpm ~ (PR High limit -1bpm)

HR

Measurement range: 15~300bpm (adult）
15~350bpm (pediatric/neonate）

Resolution: 1bpm
Accuracy: ±1 bpm or ±1%, whichever is greater
Sensitivity: 0.2mV

Data Storage

Trends: A minimum of 120 hours trend data with the resolution no less than 1 minute
Events: 200 events
NIBP measurements: 200 events
Interpretation of resting 12-lead ECG results: 20 sets

IBP (Optional)

Number of channels: 2
Pressure Range: -50~350mmHg (-6.7~40.0kPa)
Accuracy: ±2% or ±1 mmHg, whichever is greater (excluding sensor error)
Resolution: 1 mmHg (0.1kPa)
Refresh Rate: 1s
Sensitivity: 5μV/V/mmHg
Zero adjustment range: ±200 mmHg
Impedance range: 300~3000Ω
Volume displacement: ＜0.04mm^3 /100mmHg

EtCO2 (Optional)

Measurement mode: Sidestream, Mainstream
Technique: Infrared absorption
Zero RR delay: 20s, 25s, 30s, 35s, 40s, 45s, 50s, 55s, 60s
CO2 Range: 0~20.0 vol%
CO2 Accuracy: 0~12 vol%: ± (0.2 vol%+2% of readings)
12~20 vol%: ± (0.2 vol%+6% of readings)
AwRR Measurement Range: 0~150rpm
Resolution: 1 rpm
AwRR Accuracy: Mainstream: 0~150rpm, ±1rpm
Sidestream: 0~69rpm, ±1rpm; 70~150rpm, Undefined
Alarm limit: EtCO2 High: (EtCO2 Low limit +1mmHg) ~ 150mmHg
EtCO2 Low: 0 ~ (EtCO2 High limit -1mmHg)
FiCO2 High: 0 ~ 150mmHg
AwRR High: (AwRR Low limit +1 rpm) ~ 120rpm
AwRR Low: 0 ~ (AwRR High limit -1 rpm)

HO-100 Handheld Pulse Oximeter

Features

1. Suitable for adult, Pediatrics, and neonatal patients
2. Provide the parameter of PI(Perfusion Index) performs SpO2 and pulse rate measurement
3. Miniature design offers an impressive lightweight device and making it easy to use
4. 2.8" color LCD prominently displays SpO2 and pulse rate readings
5. Adjustable visual and audible alarms
6. Selectable lithium battery or AA alkaline batteries

Technical Specifications

PARAMETER	SPECIFICATION
Display	2.8 inch LCD screen
Dimension	L156*W70*H32mm
Weight	249g(including 3 batteries)
Alarms	
Categories	Patient and system status
Priorities	Low, medium and high
Notification	Visual and audible
Measurement range	
SpO2	1% to 100%
Pulse rate	20 to 250bpm
Perfusion range	0.2% to 20%
Measurement accuracy	
SpO2	80% to 100% ± 2 digits
Pulse rate	20 to 250 bpm ±3 digits
Low perfusion	80 to 100% ± 2 digits for SpO2
	20 to 250 bpm ±3 digits for pulse rate

Electrical		
Battery	1 lithium batteries with 3,000 mAh will typically provide 8 hours of monitoring	
	3 AA alkaline batteries	
Environmental		
	Transport and Storage	Operating Conditions
Temperature	−20ºC to 70ºC (−4ºF to 158ºF)	5ºC to 40ºC (41ºF to 104ºF)
Altitude	−390 to 5,574 m (−1,280 to 18,288 ft.)	−390 to 5,574 m (−1,280 to 18,288 ft.)
Relative humidity	15% to 95% noncondensing	

FO-700A
Finger Pulse Oximeter
(Bluetooth)

Features

1. Compact appearance, more convenient to carry.

2. A button to wake up, even the elderly can also be used simply.

3. Two 1.5V AAA batteries can be used continuously for more than 15 hours, more environmental protection and energy saving.

Resting Heart Rate

Heart beats per minute while at rest tells a lot about your internal health and fitness levels. It is a strong indicator of your risk for heart problems.

Blood Oxygen Level

Your body requires a very precise balance of oxygen in the blood. For your body to perform optimally, blood oxygen levels should be above 95%.

Bluetooth

Can be connected to the phone or pad via Bluetooth, and through the APP data analysis and preservation.

Technical Specification

PARAMETERS	SPECIFICATIONS
Operation system	iOS; Android
SPO2	Detection scope: 35%-100%
	Accuracy: ±2% 80%-100%;±3% 70%-79%
Pulse Rate	Measurement range: 25~250BPM
	Accuracy: ±2bpm
	Resolution: ±1%
Bluetooth	Support both Bluetooth 3.0 and BLE 4.0
Battery Type	Two 1.5V AAA alkaline batteries
Service life	Over 10000 times
Display	LCD
Working voltage	D.C.2.2 V~D.C.3.4V
Operation environment	Temperature: 5℃ - 40℃
	Relative humidity: 15% - 80%
	Atmospheric pressure: 86Kpa - 106Kpa
Size	58 (H) × 34 (W) × 30(D)mm
Weight	50g Include batteries
Delivery time	Samples: about 2 days
	Mass production: about 15 days (2000pieces)
	OEM: about 25 days

Add: Block C, CC Park, No.728 Lanzhou Road, Baohe Industrial Zone, Hefei, China.
Tel: 0086-551-63802963   **Fax:** 0086-551-63802920
Web: www.ari-cn.com   **Email:** sales@ari-cn.com

4

SP100 Spirometer

Product Features

● Measurement of Forced Vital Capacity (FVC), Vital Capacity (VC/SVC), maximum voluntary ventilation (MVV) and relevant functions, more than 30 parameters can be measured and displayed; for several times of measurement, the optimal result will be displayed; the condition of subject can be shown by the ratio of the measured value and the predicted value.

● Measurement Parameters:

(1) Forced Vital Capacity (FVC); FVC, FEV1, PEF, FEV1%, (FEV1/FVC),FEF25, FEF50, FEF75, FEF2575, FEV1/VC,FEV6,FEV1/FEV6,ELA,FET,EVOL,FIVC,FIV1/FIVC,PIF,MVV

(2) Vital Capacity (VC/SVC):VC, IC, ERV, IRV, EVC, IVC, TV,VE,PR, tl, tE,TV/tl,tl/ttot

(3) Maximum Ventilatory Volume (MVV): MVV

● Real-time display respiration waveform: Flow-Volume loop and Volume-Time curve chart;

● 7" color LCD touch screen, buttons can be operated along with touch screen

● Incentive animation operation guide, easy for the use between children and the old;

● Built-in thermal printer, reports can be printed directly;

● BTPS automatic correction function, compensate for the impact of environmental differences;

● Test time and environment temperature display;

● Calibration function, ensure measurement accuracy;

● Multiple predicted value can be selected, suitable for different population;

● Storage of more than 10,000 groups of data;

- Lung age estimation function;
- Built-in lithium battery, supports both of AC and DC;

Technical Specifications

PARAMETER	SPECIFICATION
Volume range	±10L
Volume accuracy	±3% or ±0.05L (whichever is greater)
Flow range	±16L/s
Flow accuracy	±3% or ±0.02L/s (whichever is greater)
Power supply	100V-240V~50/60Hz
Input power	60VA
Safety type	Class I equipment, type BF applied part
LCD screen	7" color TFT touch screen
Printing paper	112mm(W)x20m(L) high-speed thermal paper
Dimension	315mm(L)x215mm(W)x92mm(H)
Weight	1.8KG

Accessories

Spirometer	1pc
Mouthpiece	4pcs
Nose clip	1pc
Recording Paper	1 pc
Power cord	1pc
User manual	1pc

Add: Block C, CC Park, No.728 Lanzhou Road, Baohe Industrial Zone, Hefei, China.
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3

AFM-800
Fetal/Maternal Monitor

Specifications

Interface and digital screen of FHR, TOCO, FM;
Type: 7" Color TFT LCD, adjustable
Resolution: 800*480
Built-in thermal recorder, 110*100mm
Print speed: 1, 2, 3 cm/min

Features

1. light and compact design, simple to use front panel controls
2. 7TFT Color screen, folding 90 degree
3. The system setup can be done very easy and can be stored automatically
4. The internal line thermal printer can records FHR, TOCO, the life exceeds over 20years
5. A standard patient event marker and a clinical event marking button to separately mark Clinical events
6. Auto Fetal movement are available
7. Multi-crystals, wide beam form, high sensitivity ultrasound transducer, low ultrasound power, Safer to the fetal
8. AC or LI-battery operated
9. More than 42 hours data storage, then can be played and reprinted
10. Build-in interface to the central nurse station

Technical Specification

Fetal Heart Rate (FHR)

Parameters: FHR1, FHR2 (optional)

Measurement range: 50 - 240 bpm

Accuracy: ±2 bpm;

Sweep speed: X1, X2, X4, X8

Transducer

9 crystals, pulsed Doppler, high sensitivity

Frequency: 1.0MHz

Probe: wired

Uterine Activity (TOCO)

Measurement range: 0 - 100

TOCO baseline: 0, 5, 10, 15, 20 (selectable)

Weight & Dimensions

Net Weight: 1.75kg

Dimensions: 295(D)*240(W)*75(H) mm

Standard Accessories

3 in 1 transducer (FHR.TOCO, FM) .

2 pcs of printer paper.

One power cable

Two bandages /three bandage (twin optional)

Second one transducer(optional)

Remark

3 Para (fetal monitor): FHR, TOCO, FM

6 Para (fetal/maternal monitor): FHR, TOCO, FM, MHR, SPO2, NIBP

Options

Twins Probe, Fetus Waker, Touch Screen, Trolley, Wall Bracket