aCurio

YOUR RELIABLE MEDICAL INSTRUMENTS SUPPLIER

XIAMEN ACURIO INSTRUMENTS CO.,LTD

WWW.ACURIO.CN

Acurio, founded in 2013, is one of the leading manufacturers specialized in providing Safe & Accurate & Reliable medical equipments. Our products include Compressor Nebulizers, Pulse Oximeters, Fetal Dopplers and Blood Pressure Monitors. We have around 150 intelligent, self-driven and innovative people working on the R&D, Manufacturing, sales and service.

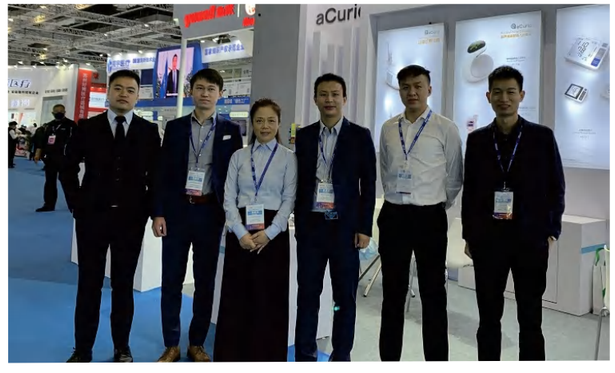
Safe, Accurate and Reliable are the most important things to Acurio. We designed our products according to CE, FDA standard, and we manufacture all of them under the requirements of ISO13485 system.

We love to learn and we are thrilled whenever customers share their experiences with us. Every feedback makes our product better. Above all, we are proud of our product knowledge and we are always willing to provide our support.

ACURIO MANUFACTURING BASE

Biomedicine Industrial Park

WORK SHOP



Product Categories

1 Fingertip Pulse Oximeter

01	LED Fingertip Pulse Oximeter AS-301-L AS-302-L AS-304-L AS-305-L
02	OLED Fingertip Pulse Oximeter AS-301 AS-302 AS-303 AS-304 AS-305

2 Compressor Nebulizer

03	AN-821 AN-831 AN-832 AN-833

3 Fetal Doppler

04	LCD Fetal Doppler AF-703-L AF-706-L
05	TFT Fetal Doppler AF-703 AF-706
06	AF-708C Sprout

4 Blood Pressure Monitor

07	AB-503
08	AB-511-S AB-512-M

ISO 13485

2460

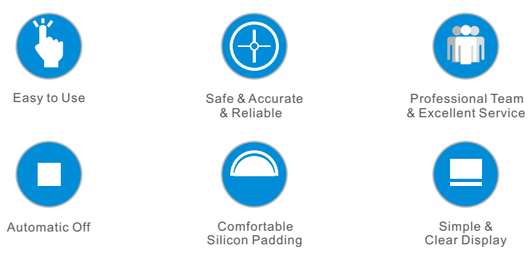
Audited Supplier

LED Fingertip Pulse Oximeter

Oximeter is a recommended tiny device to give you valuable information about your health during a bout of Covid-19 or any respiratory illness, and it also can be used to monitor pulse rate and SpO2 for the elderly, pregnant & children, and sports enthusiasts.

It isn't a mainstay in many homes, but it's advisable to keep it handy in your medical kits just like how we're used to keeping thermometers.

Why choose this pulse oximeter?



APPLICABLE SCENE

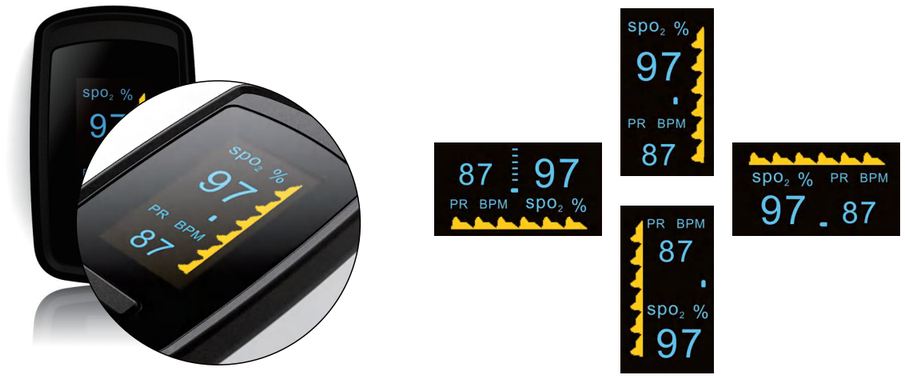
Mode	AS-301-L AS-302-L AS-304-L
Display Mode	LED display
Saturation Oxygen (SpO2)	Range: SpO2 (36%~99%) Resolution: 1% Accuracy: ±2% (70%~99%), ≤70% no definition
Pulse Rate(PR)	Range: 30bpm~250bpm, (the resolution is 1bpm) Resolution: 1bpm Accuracy: ± 1bpm or ± 1% (select larger)
Measurement Performance in Weak Filling Condition	Gets accurate readings even if blood perfusion index is as low as 0.2%.
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%
Environment	Operating Temperature: 5 ℃ to 40 ℃ Storage Temperature: -10 ℃ to 40 ℃ Operating Humidity: 15%-80% Storage Humidity: 10%-80% Atmospheric Pressure: 70kpa-106kpa
Measuring Time	≤10s
Power	Power Supply:1.5V (AAA) alkaline batteries × 2 20mA~130mA Automatic power off in 18s without any operation
Battery Working Hour	The minimum continually work time is 12 hours. Theoretical number is 56 hours
Light Sensor	Red light (Wavelength 662nm ~ 666nm 7mW) Infrared light(Wavelength 890nm~900nm 5.5mW)
Data Update Cycle	No more than 12s
Safety Type	Internal power supply, Type BF applied part

OLED Fingertip Pulse Oximeter

Why choose this pulse oximeter?

ADVANCED OLED

Provides more detailed readings, and the most suitable reading direction.



Mode	AS-301-L AS-302-L AS-304-L
Display Mode	OLED display
Saturation Oxygen (SpO2)	Range: SpO2 (36%~99%) Resolution: 1% Accuracy: ±2% (70%~99%), ≤70% no definition
Pulse Rate(PR)	Range: 30bpm~250bpm, (the resolution is 1bpm) Resolution: 1bpm Accuracy: ± 1bpm or ± 1% (select larger)
Measurement Performance in Weak Filling Condition	Gets accurate readings even if blood perfusion index is as low as 0.2%.
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Data Update Cycle	No more than 12s
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Compressor Nebulizer

compressor nebulizer drives the liquid medicine to spray to small panel by the high-speed air flow produced by the compressor, then the liquid medication will change into 0.5um~6um atomized particles which can be easily inhaled into respiratory system along with human breath to cure respiratory diseases such as acute and chronic tracheitis, bronchitis, sore throat and asthma, etc. It is the ideal choice for hospital, clinic and family.

AN-831

AN-832

AN-821

AN-833

Elegant Design

One-button Operation

<65dB(A) Noise

0.5um~6um Particles

Suitable for all ages

Medical-grade Cup:

0.5um~6um Particles
MMAD 2um

Adjustable Atomization Rate

Durable PP

2ml-8ml Volume

<0.7ml Residue

Model	AN-821 AN-831 AN-832
Power Supply	☐ 220VAC ± 10% 50Hz ☐ 220VAC ± 10% 60Hz ☐ 110VAC ± 10% 50Hz ☐ 110VAC ± 10% 60Hz
Noise	<65dB(A)
Particles	Size Range: 0.5um~6um MMAD: 2um
Working Pressure	Extreme Pressure: 160Kpa~270Kpa Nebulizing Pressure: 60Kpa~140Kpa
Atomization	Air Flow: >8L/min Atomization Rate: >0.2ml/min
Nebulizer Cup	Appropriate Volume: 2ml~8ml Residue: 0.7ml
Environment	Operating Temperature: 5 ℃ to 40 ℃ Storage Temperature: -25 ℃ to 70 ℃ Operating Humidity: 15%-85% Storage Humidity: 10%-93% Operating Atmospheric Pressure: 86kpa-106kpa Storage Atmospheric Pressure: 60kpa-106kpa
Safety	Type of protection against electric shock: Class 2 Degree of protection against electric shock: Type B applied part

LCD Fetal Doppler

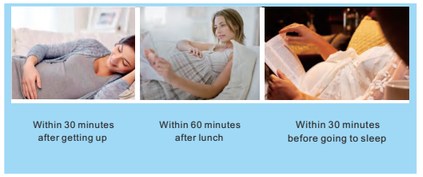
Modern medicine proves that the asphyxia, fetal distress and umbilical cord around neck(25% of pregnant has such situation) will affect the normal growing development of fetal, sometimes there will be dangerous to the fetus, even to the mother, and these symptoms will make the fetal heart rate changed abnormally, so the fetal heart range gives an indication of fetal well-being.

If conditions permit, pregnant women over 16 weeks are recommended to listen to the fetal heart sound for 1-2 minutes per time, three times per day(within 30 minutes after getting up, within 60 minutes after lunch, and within 30 minutes going to sleep).

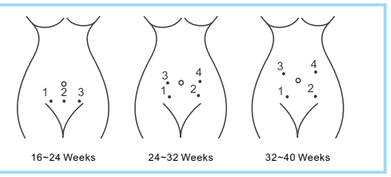
AF-703-L

AF-706-L

Best Monitoring Time



Recommended Position

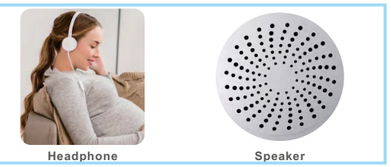


Steps for Usage

1. Power on the device
2. Apply some ultrasound gel on the probe
3. Monitor Fetal heart beat on recomended positions

Get the accurate reading

Hear the clear heartbeat sound



Model	AF-703-L AF-706-L
Display	1.3 inch Bicolor LCD
FHR Performance	Integrative Sensitivity: ⩾90db FHR Measuring Range: 50~210BPM
Ultrasound Probe	Accuracy: ±2BPM Speaker Power: 0.5W Working Frequency: 2.5MHz±15% Working Mode: Continuous Wave Doppler Spatial-peak Temporal-peak Intensity: <21.7kPa Ultrasonic Output Intensity: <10mW Effective Radiating Area of Transducer: 157mm²±15%
Acoustic Parameters	IOB: < 20mW/cm² P-: <1MPa ISPTA: < 100mW/cm²
Measuring Time	1 minute
Working Environment	Temperature: +5℃~+40℃ Humidity: 15%~85% Atmospheric Pressure: 86kPa~106kPa
Transport and Storage Environment	Temperature: -10℃~+55℃ Humidity: 10%~93% Atmospheric Pressure: 86kPa~106kPa
Safety Type	Internal power supply, Type BF applied part

TFT Fetal Doppler

AF-703

AF-706

Get the accurate reading and clear waveform

Hear the clear heartbeat sound

Headphone

Speaker

Model	AF-703 AF-706
Display	1.7 inch Color TFT
FHR Performance	Integrative Sensitivity: ⩾90db FHR Measuring Range: 50~210BPM
Ultrasound Probe	Accuracy: ±2BPM Speaker Power: 0.5W Working Frequency: 2.5MHz±15% Working Mode: Continuous Wave Doppler Spatial-peak Temporal-peak Intensity: <21.7kPa Ultrasonic Output Intensity: <10mW Effective Radiating Area of Transducer: 157mm²±15%
Acoustic Parameters	IOB: < 20mW/cm² P-: <1MPa ISPTA: < 100mW/cm²
Measuring Time	1 minute
Working Environment	Temperature: +5℃~+40℃ Humidity: 15%~85% Atmospheric Pressure: 86kPa~106kPa
Transport and Storage Environment	Temperature: -10℃~+55℃ Humidity: 10%~93% Atmospheric Pressure: 86kPa~106kPa
Safety Type	Internal power supply, Type BF applied part

AF-708 Sprout

The design concept of this product comes from “Sprout”, designer give this product a cute and vivid image, just like a fetus that thrives in mother’s womb.

Get the accurate reading

Share the most wonderful sound with your lover

Safer Detection

We integrate main unit and probe humanely, so that pregnant woman can complete the operation with one hand, and then free up the other hand to provide more support and protection to their body.

Model	AF-708C
Product Name	Pocket Fetal Doppler
Display	LED
FHR Performance	Integrative Sensitivity: ⩾90db FHR Measuring Range: 50~210BPM Accuracy: ±2BPM Speaker Power: 0.5W
Ultrasound Probe	Working Frequency: 2.5MHz±15% Working Mode: Continuous Wave Doppler Spatial-peak Temporal-peak Intensity: <21.7kPa Ultrasonic Output Intensity: <10mW Effective Radiating Area of Transducer: 157mm²±15%
Acoustic Parameters	IOB: < 20mW/cm² P-: <1MPa ISPTA: < 100mW/cm²
Measuring Time	1 minute
Working Environment	Temperature: +5℃~+40℃ Humidity: 15%~85% Atmospheric Pressure: 86kPa~106kPa
Transport and Storage Environment	Temperature: -10℃~+55℃ Humidity: 10%~93% Atmospheric Pressure: 86kPa~106kPa
Safety Type	Internal power supply, Type BF applied part

Blood Pressure Monitor

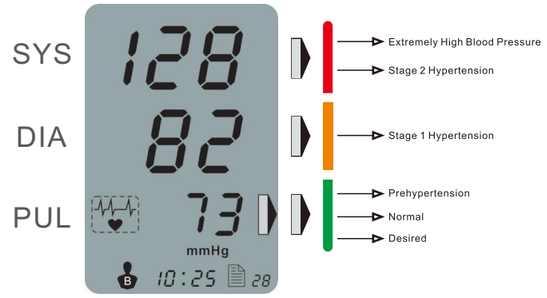
Monitoring blood pressure at home is an important part of managing hypertension and regular health monitoring. It is time to change our mind from merely “checking” our blood pressure to “Monitoring” it.

AB-503

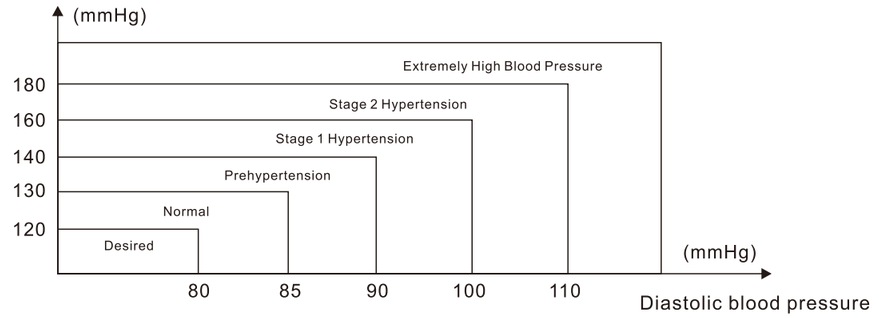
2 Sets of Memory

Stores 2*80 records separately for 2 users with date & time independently.

Quickly get the accurate readings of Systolic pressure, diastolic pressure, pulse rate and irregular heartbeat indication.
Easily determine the blood pressure status.



Systolic blood pressure



Model	AB-503
Measurement Methods	Oscillometric Method
Measuring Location	Upper Arm
Cuff Circumference	22~32cm
Memory Function	2*80 Sets of Memories
Display	LCD Display Size: 40mm*60mm
Inflation & Deflation	Inflation: Automatic by Air Pump Deflation: Automatic by Electronic Control Valve
Pressure Measurement	Range: 0mmHg~280mmHg Pressure Accuracy: ±3mmHg
Pulse Measurement	Range: 40bpm~180bpm Pulse Accuracy: ±5%
Operating Condition	Temperature: +5℃~40℃ Humidity: 15%~80% Air Pressure: 80KPa~106KPa
Transportation and Storage Condition	Temperature: -20℃~55℃ Humidity: 10%~95% Air Pressure: 50KPa~106KPa
Power	4*AAA Battery DC 6V

Blood Pressure Monitor (Backlight Display)

Model	AB-511-S/AB-512-M
Measurement Methods	Oscillometric Method
Measuring Location	Upper Arm
Cuff Circumference	22~32cm
Memory Function	2*60 Sets of Memories
Display	LCD Display Size: 40mm*60mm
Inflation & Deflation	Inflation: Automatic by Air Pump Deflation: Automatic by Electronic Control Valve
Pressure Measurement	Range: 0mmHg~280mmHg Pressure Accuracy: ±3mmHg
Pulse Measurement	Range: 40bpm~180bpm Pulse Accuracy: ±5%
Operating Condition	Temperature: +5℃~40℃ Humidity: 15%~80% Air Pressure: 80KPa~106KPa
Transportation and Storage Condition	Temperature: -20℃~55℃ Humidity: 10%~95% Air Pressure: 50KPa~106KPa
Power	4*AAA Battery DC 6V