

Jadex Japan

Baby Equipment

Baby Products

- Baby Incubator



Specification				
Specifications of hood	BI-3000	BI-2000	BI-1000	BI-800
Mattress to Hood	450 mm	450 mm	450 mm	410 mm
Observation side of hood	Two incline	Two incline	Two incline	Two incline
Operate port	6 (2 Iris ports)	6 (2 Iris ports)	6 (2 Iris ports)	4 (2 Iris ports)
Tubing grommets	4	4	4	2
Front access panel	826×310 mm	826×310 mm	826×310 mm	826×280 mm
Mattress Tray Size	630×360 mm	630×360 mm	630×360 mm	630×360 mm
Technical Specification				
Power requirement	≤400VA	≤400VA	≤400VA	≤400VA
Temperature control mode	Air and skin servo control	Air and skin servo control	Air servo control	Air servo control
AirTemp Control Range	20°C~37°C	20°C~37°C	20°C~37°C	20°C~37°C
Temperature override mode to	20°C~39°C	20°C~39°C	20°C~39°C	----

SkinTemp Control Range	30°C~37°C	30°C~37°C	----	----
Temperature override mode to	30°C~38°C	30°C~38°C	----	----
Skin temp sensor accuracy	≤0.3°C	≤0.3°C	----	----
Humidity display range	5%~99%	----	----	----
Temperature fluctuation	≤0.5°C	≤0.5°C	≤0.5°C	≤0.5°C
Mattress temperature uniformity	≤0.8°C	≤0.8°C	≤0.8°C	≤0.8°C
Temperature rise time	≤30 min	≤30 min	≤30 min	≤30 min
Noise level within hood environment	≤55dB	≤55dB	≤55dB	≤55dB
Alarm				
Power failure alarm	Yes	Yes	Yes	Yes
Fan failure alarm	Yes	Yes	Yes	Yes
Sensor failure alarm	Yes	Yes	Yes	Yes
High air temperature alarm	+1.5°C	+1.5°C	+1.5°C	+1.5°C
Low air temperature alarm	-2.5°C	-2.5°C	-2.5°C	-2.5°C
High skin temperature alarm	+1.0°C	+1.0°C	----	----
Low skin temperature alarm	-1.0°C	-1.0°C	----	----
Over air temperature alarm	≤38.0°C; ≤40.0°C	≤38.0°C; ≤40.0°C	≤38.0°C; ≤40.0°C	≤38.0°C
Over skin temperature alarm	≤38.0°C; ≤39.0°C	≤38.0°C; ≤39.0°C	≤38.0°C; ≤39.0°C	----
System failure alarm	Yes	Yes	Yes	----
Alarm silence function	Yes	Yes	Yes	----
Operational condition				
Environment temperature	+20°C~+30°C	+20°C~+30°C	+20°C~+30°C	+20°C~+30°C
Environment relative humidity	5%~99%	5%~99%	5%~99%	5%~99%
Environment air velocity of flow	<0.3m/s	<0.3m/s	<0.3m/s	<0.3m/s
Others				
RS-232Connector	Yes	Yes	Yes	-----
Rail	Yes	Yes	Yes	-----
Infant bed tilt adjusting	±10° step-less	±10° step-less	±10° step-less	-----
Mattress tray Max. load	10kg	10kg	10kg	10kg
Transfusion pole Max. load	2kg	2kg	2kg	2kg
Cabinet Max. load	6kg	6kg	6kg	----
Packing size (2 cartons)	100×58×80 cm			

- *Infant Phototherapy Unit*



- *Infant Radiant Warmer*



Fetal Doppler

- Baby Sound A Fetal Doppler



Baby Sound A Fetal Doppler is a safe and easy to use device that has been specially designed for use at home, allowing pregnant women to listen to their unborn baby heart beat, movements and hiccups from as early as 10 to 12 weeks. It is suitable for expectant mother to carry out regular checks on her baby in between routine hospital checks. It can not only reduce the expectant mother anxiety but also allow other members of the family to listen to the baby heartbeat. This portable device is also suitable for obstetricians, midwives and pregnant women.

It can connect to a computer, CD or Type to record the baby heart sound and share your baby heart beat with family and friends via email.

2 AAA size batteries (alkaline or chargeable) are very convenient to buy. The batteries can last more than 6 hours for continuous use (depend on capability)

Feature and Technical Specification

- All in one design
- The probe and main units integrated together
 - High sensitive doppler probe
 - Crystal clear sound
 - Low power consumption
 - Compact and light
 - Ergonomic design
 - Easy to use
 - CE approved
- Ultrasound Frequency 2MHz; Ultrasound Intensity <math>< 10\text{mW}/\text{cm}^2</math>
 - Out put Headset with Volume Control
 - Double Audio Output sockets for Headset
 - Power Supply: 1.5V Battery x 2 (Type: AAA)
 - Sensitivity From 10 - 12 weeks
 - PC Interface cable
 - Battery Life >360 minutes

Safety Standards

- CE Certified, EN ISO 13485:2003 compliant

- Conforms to UK and EC Medical Safety Requirements (Medical Directive 93/94/EEC)
CE 0123

Dimensions

- (L) 110 x (W) 55 x (H) 16 mm
- WEIGHT: 80g(with 2 AAA batteries)
- DISPLAY: 25*14 mm

Inside The Box

- Baby Sound A unit
 - 1 Headset
- 1 Recording Cable
- Instruction Manual
- 1 year warranty

Tips that will make the use of this fetal Doppler easier:

Take it with you when you first visit your doctor. The doctor or Ultrasound Tech can very easily show you how to find your baby heart beats

During the first stages of the pregnancy place the Doppler probe just above the pubic hair. As your pregnancy progresses, you will find the heartbeat higher up.- Move the probe gently and very slowly.

Lean the Doppler probe downward toward the pubic bone.

Use some gel while using the Doppler probe. You do not need to buy any expensive Gel. You can use any general purpose Gel.

- Baby Sound B Fetal Doppler



Baby Sound B Fetal Doppler is a safe and easy to use device that has been specially designed for use at home, allowing pregnant women to listen to their unborn baby heart beat, movements and hiccups from as early as 10 to 12 weeks. It is suitable for expectant mother to carry out regular checks on her baby in between routine hospital checks. It can not only reduce the expectant mother anxiety but also allow other members of the family to listen to the baby heartbeat. This portable device is also suitable for obstetricians, midwives and pregnant women.

It can connect to a computer, CD or Type to record the baby heart sound and share your baby heart beat with family and friends via email.

Baby Sound B integrate a single chip CPU, LCD display and our accurate arithmetic software, it can display the baby heart rate and it is very convenient to get baby accurate heart rate.

2 AAA size batteries (alkaline or chargeable) are very easy to buy. The batteries can last more than 6 hours for continuous use (depend on capability)

Feature and Technical Specification

- All in one design.
- The probe and main units integrated together
- High sensitive doppler probe
- Crystal clear sound
- Low power consumption
- Compact and light
- Ergonomic design
- Easy to use
- CE approved
- Heart Rate Display (LCD)
- Automatic Display Freezing After remove from the body
- Heart Rate Range 50-240 bpm
- Accuracy ± 2 or 2%
- Ultrasound Frequency 2MHz
- Ultrasound Intensity $<10\text{mW/cm}^2$
- Out put Headset with Volume Control
- Double Audio Output sockets for Headset
- Power Supply: 1.5V Battery x 2 (Type: AAA)
- Sensitivity From 10 - 12 weeks
- PC Interface cable
- Battery Life >360 minutes

Safety Standards

- CE Certified, EN ISO 13485:2003 compliant
- Conforms to UK and EC Medical Safety Requirements (Medical Directive 93/94/EEC) CE 0123

Dimensions

- (L) 110 x (W) 55 x (H) 16 mm
- WEIGHT: 80g(with 2 AAA batteries)
- LCD DISPLAY: 25*14 mm

Inside The Box

- Baby Sound B unit
- 1 Headset
- 1 Recording Cable
- Instruction Manual
- 1 year warranty

Tips that will make the use of this fetal Doppler easier:

- Take it with you when you first visit your doctor. The doctor or Ultrasound Tech can very easily show you how to find your baby heartbeats
- During the first stages of the pregnancy place the Doppler probe just above the pubic hair. As your pregnancy progresses, you will find the heartbeat higher up.
- Move the probe gently and very slowly.
- Lean the Doppler probe downward toward the pubic bone.
- Use some gel while using the Doppler probe. You do not need to buy any expensive Gel. You can use any general purpose Gel.

- *Jadex-A Pocket Fetal Doppler*



Sonotrax handheld Doppler can meet routine examination requirement of obstetricians, midwives, and pregnant women. It has manual mode heart rate processing mode. It has audio output, and can connect with earphone or recorder with audio input. Sonotrax has a slim, power saving and interchangeable ultrasound probe.

Feature

- Easy to use
- Auto and manual counting
- Built-in speaker
- Automatic switch-off
- Battery energy indication

Function

Detection: Speaker output/Earphone output , Manual mode, continuous operation time ≥ 15 hours

- *Jadex-B Pocket Fetal Doppler*



Sonotrax handheld Doppler can meet routine examination requirement of obstetricians, midwives, and pregnant women. It is a high performance model with FHR digital LCD display. It has three heart rate processing modes: real-time FHR display mode, averaged FHR display mode and manual mode. Both of the models have audio output, and can connect with earphone or recorder with audio input. Sonotrax has a slim, power saving and interchangeable ultrasound probe.

Feature

- Easy to use
- Accurate FHR detection and LCD display
- Auto and manual counting
- Built-in speaker
- Automatic switch-off
- Battery energy indication

Function

FHR Detection: Speaker output/Earphone output LCD display, Three working modes: Real-time FHR Display mode, Averaged FHR Display mode, Manual mode, continuous operation time ≥ 15 hours

- *Jadex-C Fetal Doppler*



Classification:

- Anti-electroshock Type: Internally powered equipment.
- Anti-electroshock Degree: Type B applied part
- Harmful Liquid Proof Degree:
- Main unit :Ordinary equipment (sealed equipment without liquid proof).
- Probe: Prevent from water splashing, degree of protection: IPX4.
- Degree of Safety in Presence of Flammable Gases: Equipment not suitable for use in presence of flammable gases.
- Working System: Continuous running equipment.
- EMC: Group I Class B.
- Suitable Using Range: Suitable for use after the 12th week of pregnancy.

Physical Characteristic

- Size: 135mm (Length) ×92mm (Width) ×29 (Height) mm
- Weight: About 245g (including batteries)

Environment Working:

- Temperature: +5°C~+40°C
- Humidity: ≤80%
- Atmospheric Pressure: 70 kPa~106kPa Transport and Storage:
- Temperature: -10°C~+55°C
- Humidity: ≤93%
- Atmospheric Pressure: 50 kPa~106kPa Display: 45mm×25mm LCD display

FHR Performance

- FHR Measuring Range: 50~240BPM (BPM: beat per minute)
- Resolution: 1BPM
- Accuracy: ±2BPM
- Power consumption: <0.8W
- Auto Shut-OFF: After 1 minute no signal, power off automatically.
- Battery Type Recommended: Two pieces of 1.5 V DC battery (SIZE AA LR6).

Probe:

- Nominal Frequency: 2.0MHz
- Working Frequency: 2.0MHz±10%
- P-: <0.5MPa
- Iob: <10 mW/cm²
- Ispta: <50mW/cm²
- Ultrasonic Output Intensity: Isata<5 mW/cm²
- Ultrasonic Output Power: P<10 mW
- Working Mode: Continuous wave Doppler
- Effective Radiating Area of Transducer: 157mm²±15%