

BABYGERÄUSCH

FETAL DOPPLER

- 1 Pocket type
- 2 Accurate Detection
- 3 Rechargeable Battery
- 4 Lightweight
- 5 LCD Display
- 6 Backlight
- 7 3.0 MHz Ultrasound Frequency
- 8 Battery Indicator
- 9 3 FHR modes: Manual Counting, Real-Time & Average
- 10 Adjustable Volume Level
- 11 Audible Alarm



Technical Parameters

1. Physical Dimensions:

Dimensions: 35 mm G x 83 mm D x 33 mm Y
Weight : 0,24 kg (not including battery)

2. Classification:

- Anti-electric Shock Type: Internally powered equipment
- Protection against electric shock: CLASS II equipment
- Anti-electric Shock Degree: Type B equipment
- Degree of Protection against Harmful Ingress of Water
Main Unit : Non-protected
Probe: IPX4 Water Ingress Protection Code
- Degree of Safety IN Presence of Flammable Gases:
Equipment not suitable for use in presence of flammable gases
- Working Mode: Continuous operation

3. Ultrasound:

- Ultrasonic emitting frequency: 3MHz
- Overall sensitivity at the distances 200mm from the face of the probe (Doppler frequency: 500±50Hz, Target velocity: 10cm/s~40cm/s): 92.9dB
- Spatial-peak temporal-peak acoustic pressure: 20.8kPa
- Output power: 8.6mW
- Effective area of the ultrasonic transducer active element: 3.07cm²
- The acoustic coupling medium for normal use: ph: 5.5~8, Acoustic impedance: ≤1.7*10⁵g/cm²-s
- Working mode: Continuous wave Doppler

4. Audio output:

- Audio output power: <0.5 W
- Audio out Socket: Ø3.5mm
- Product service life: 5 years

5. Recommended battery type:

- 7.2V NI-MH
- Adapter: The input voltage see the label
- Charge limit: DC 15V 1.5A(max)
- Stand-by Time: >8hours

6. Performance:

- Sensitivity: 16 weeks gestation
- FHR Measuring Range: 50-210bpm (beat per minute)
- Resolution: 1bpm
- Accuracy: ±2bpm

7. Environmental Requirements:

Operating Conditions:

- Temperature: 5°C to 40°C 41°F-104°F)
- Humidity: <80% RH, non-condensing
- Atmospheric pressure: 86kPa to 106kPa

Storage and Shipping Conditions:

- Temperature: -20°C to 55°C (-4°F-131°F)
- Humidity: 10% - 93% RH, non-condensing
- Atmospheric pressure: 50kPa to 106kPa