



ULTRASONIC FETAL DOPPLER

MODEL: BF-560



PRODUCT DESCRIPTION

- BF series ultrasound fetal doppler mainly applies to detect fetal heart rate in hospital, clinic and at home etc.

PRODUCT FEATURES

- LCD displays fetal heart rate value, battery power symbol, signal strength symbol and probe operating frequency value;
- White background backlit LCD display, available for dark environment use, backlit can be set on/off;
- Auto shutdown function to save power and extend battery operating time;
- Built-in high-quality loudspeaker to make the fetal heartbeat output clearer, with headphone jack;
- Standard probe 2.0MHz, optional 3.0MHz, 5.0MHz probe for cord blood flow;
- Optional 8.0 MHz probe can be used as an ultrasound Doppler to measure blood flow and pulse rate values;
- Operating mode: Continuous wave.

TECHNICAL PARAMETERS

Ultrasound frequency: 2.0 MHz $\pm$ 10%

Output ultrasonic power: <35mW

Integrated sensitivity: $\geq$ 90dB (at a distance of 200mm from the surface of the probe)

In the measurement of integrated sensitivity, the Doppler frequency used is (300 $\pm$ 50) Hz

the reflected target velocity is 10cm / s $\sim$ 40cm / s

Effective area of ultrasound transducer: 160mm² $\pm$ 30%

Heart rate detection display range: not narrower than 65bpm-210 bpm Error $\pm$ 2bpm

Spatial peak / time peak sound pressure: $\leq$ 1 MPa

Doppler frequency: 0-3KHz

Operating mode: continuous ultrasound Doppler

Operating environment.

Temperature: +5 $^{\circ}$ C $\sim$ +40 $^{\circ}$ C Humidity: $\leq$ 80%

Atmospheric pressure: 86kPa $\sim$ 106kPa

Transport and storage environment.

Temperature: -10 $^{\circ}$ C $\sim$ +55 $^{\circ}$ C Humidity: $\leq$ 80%

Atmospheric pressure: 86kPa $\sim$ 106kPa, no corrosive gases and well-ventilated indoor



8Mhz Probe

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