

Ultrasonic Fetal Doppler

BF-500D+/BF-500D+TFT



Product Description

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

Product Features

- Pocket-sized handheld, LCD display, built-in high-quality speakers, headphone jack;
- Efficient anti-interference design, standard configuration 2.0MHz ultrasound probe, optional multi-frequency probe;
- Automatic shutdown when there is no signal input for one minute;
- Fetal heart rate over range sound alarm and battery low, sound alarm function;
- BF-500D+ has a blue backlight for night use, backlight setting switch to save power and extend the working time of the battery;
- Color LCD display can be set (value / curve) interface switch, Chinese and English switch, four kinds of counting mode switch;
- BF-500D+TFT alarm switch switch fetal heart rate value upper and lower limits can be set, abnormal sound and light alarm, etc.

Technical Parameters

Ultrasound frequency: 2.0 MHz $\pm$ 10%

Output ultrasonic power: <35mW

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

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

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

Effective area of transducer 310mm² $\pm$ 30%

Charger input voltage: AC 220V $\pm$ 22V 50Hz $\pm$ 1Hz

Input power: 20VA

Rechargeable battery input voltage: DC 12V $\pm$ 1V

Working environment.

Temperature: +5°C ~ +40°C; Humidity: <80%; Atmospheric pressure: 86kPa ~ 106kPa

Transport and storage environment.

Temperature: -10°C ~ +55°C; Humidity: <80%; Atmospheric pressure: 86kPa ~ 106kPa

Battery: Built-in 8.4V NiMH rechargeable battery pack.

Continuous working time (after the battery is fully charged): $\geq$ 3 hours;



BF-500D+ Blue Screen Model



BF-500D+ Color Screen Model