



Tabletop Ultrasound Doppler TD-5000

OBG



Obstetrics and Gynecology

OB and Gynecology

TD-5000

Tabletop Ultrasound Doppler

The Advanced® TD-5000 Tabletop Ultrasound Doppler is designed to help health care professionals to detect fetal heart rate from early gestation and up to the time of delivery. The 2 Mhz and 3 Mhz are used as a general indication of fetal wellbeing and to verify fetal heart viability. The TD-5000 has a versatile design that allows working with it as a portable fixed unit.

Features

- Convenient remote control probe.
- Dual high-fidelity speakers.
- Accurate FHR calculation.
- Application of autocorrelation algorithm.
- Large backlight LCD display.
- Built-in audio recorder.
- Earphone Socket
- Portable, lightweight design.
- Working frequency 2 MHz and 3 MHz obstetrical probes and 4 MHz, and 8 MHz vascular probes.
- Anti-noise option.
- Real time clock.
- Security lock option.
- Built-in rechargeable battery and AC/DC power supply are all available.
- Automatic shutdown.
- AC power and battery indicators.
- Voltage: 100V~240V/50/60 Hz.
- Meets ISO 13485 Quality Standard.
- Meets FDA 510(k) requirements.
- 2 Years warranty.



Technical Specifications

Physical Specifications	Dimensions Weight	265mm x 155mm x 180 mm 1.7 kg. (with battery and probe)
Display	Effective display area Resolution	62.0(W) x 44.0(H) mm 128 x 64 pixel screen
Probe	Nominal frequency Cable length Probe size Weight Audio Output Power Protection Code	2MHz Obstetrical Probe 3MHz Obstetrical Probe 4MHz Vascular Probe 8MHz Vascular Probe 2.5meters 140 x 40 x 32 mm 85g 2W IPX4 against Harmful Ingress of Water
FHR Performance	Measuring Rate Resolution Accuracy FHR	50bpm-210bpm FHR range 1bpm ±3bpm accuracy Application of autocorrelation algorithm
Recording and Playing	Audio Sampling Frequency Recording Length Earphone Jack	4KHz 240s 3.5 mm
Control	White Backlight Auto Shut-off	2 Modes Adjustable: OFF, ON 1 min/3 min with no signal or operation
Power Supply	Operating Voltage Frequency Rechargeable Battery Nominal Capacity Working Time Charge Time Charge Mode Circle Life	100-240V 50/60Hz DC: 7.2V 2000mAh 10 Hrs 3 Hrs Constant Current / Constant voltage ≤ 300 times
Environment	Working Temperature Working Humidity Atmospheric Pressure	+5 °C ~+ 40 °C (+41 °F ~ +104 °F) 25% ~ 80% (non-condensing) 860hPa ~ 1060hPa
Transport and Storage	Temperature Humidity Atmospheric Pressure	-20 °C ~ +55 °C (-4°F ~ +131 °F) 25% ~ 93% (non-condensing) 700hPa ~ 1060hPa
Safety	Anti-electric Shock Type Anti-electric Shock Degree	Class I equipment with internal power supply Type B applied parts
Configuration	Standard	2MHz wired probe, Recording and playing of FHR sound, Ni-MH Battery Audio FHR sound, Numeric FHR display, LCD backlight, Audio output, Real time clock (RTC)
Optional	Configuration	3MHz wired probe 4MHz wired probe 8MHz wired probe

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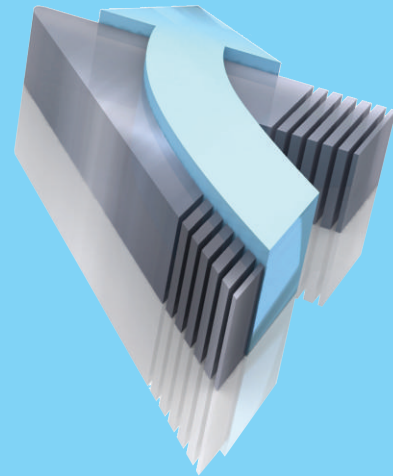
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