



# Ultrasound Pocket Doppler PD Series

Model  
PD-100Pro

Model  
PD-1000Pro



OBG

Obstetrics and Gynecology

# Ultrasonic Pocket Doppler

## Superior Sensitiveness and High Fidelity Sound

Advanced® PD-100 Pro and PD-1000 Pro Ultrasonic Pocket Dopplers high performance dopplers with FHR digital LCD display with backlight and audio playback. All these models have audio output, which can be connected with earphone or recorder. As well, you can operate the unit with 4MHz or 8MHz probe for vascular diagnose.

Model

**PD-100Pro**  
Ultrasonic Doppler

## Key Features

- Easy to use
- Compact design
- Large backlight LCD display
- Mini USB Probe Socket
- Probe Detection
- Probe Identification
- Audio play & adjustable volume
- Earphone Socket
- Interchangeable waterproof probes
- Supports 2MHz, 3MHz, 4MHz, & 8MHz probes
- Automatic and manual counting of FHR (Fetal Heart Rate).
- Automatic shutdown
- Built-in Audio Recording & Playing
- Power by Alkaline Battery AA LR6 1.5 V.
- Power by NI-MH Battery Pack
- AC Battery Charger
- Battery Status Display
- Low Battery Indication
- Meets ISO 13485 Quality Standards



Model

**PD-1000Pro**  
Ultrasonic Doppler



**2 YEARS**  
warranty

## Technical Specifications

Physical Specifications	Dimensions Weight	34mm Depth x 89mm Width x 141mm Height <300 g (including the battery)
Display	Resolution	45mm x 25mm LCD display
Probe	Nominal Frequency  Specifications Cable length Weight Sensitivity Audio Output Power Protection Code	2.0 MHz Obstetrical Probe 3.0 MHz Obstetrical Probe 4.0 MHz Vascular Probe 8.0 MHz Vascular Probe 88mm (diameter) × 35mm (thickness) 2.5 meters 100 g 10 weeks gestation (3 MHz) 1 W IPX8 Water Ingress, indicating this probe does not get soaked under water within 1 meter deep for five hours
FHR Performance	Measuring Range Resolution Accuracy	50 bpm ~ 210 bpm 1 bpm ± 3 bpm
Recording and Playing	Audio Sampling Recording Length	Frequency 4KHz 240s
Control	White Backlight Auto Shut down	Two Brightness Adjustable: OFF, ON 1 minute after no signal or operation, auto shut down
Power Supply	Operating Voltage Frequency Alkaline Battery Rechargeable Battery Nominal Voltage Working Time Charge Time	100~ 240V 50/60 Hz (AA LR6 1.5 V) NI-MH battery 1800 mAh ( optional ) 2.4 VDC 8 hr 4 hr
Environment	Working Temperature Working Humidity Atmospheric Pressure	+5°C ~ +40°C (+41°F ~ +104°F) 25% ~ 80% (non-condensing) 860 hPa ~ 1060 hPa
Transport Storage	Temperature Humidity Atmospheric Pressure	-20°C ~ +55°C (-4°F ~ +131°F) 25% ~ 93% (non-condensing) 700 hPa ~ 1060 hPa
Safety	Anti-electric Shock Type Anti-electric Shock Degree	Internally powered equipment Type B equipment
Configuration	Standard	2MHz Waterproof Interchangeable Probe, Carryng Case
Optional	Configuration	3MHz, 4MHz, 8MHz Probe, NI-MH battery 1800 mAh Rechargeable

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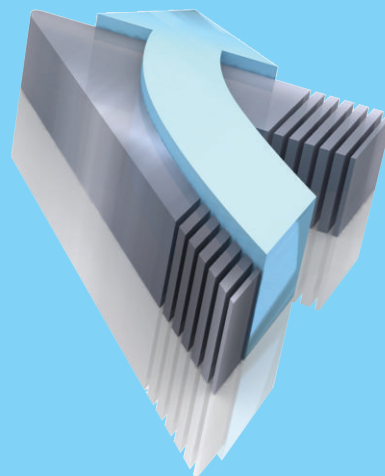
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