

# SD5/SD6

Ultrasonic Table Top Doppler

Mounting Solutions



Rolling Stand

Portable

**EDANUSA**  
www.edanusa.com

# SD5/SD6

Ultrasonic Table Top Doppler

## Specifications

### Physical Characteristics:

Size:  
Main Unit: 265 x 155 x 180 mm  
Probe: 140 x 40 x 32 mm-  
Weight:  
Main Unit: 1.7 kg (including battery and probe)  
Probe: 85 g (SD5), 120 g (SD6)

### Display:

Effective display area: 62.0 (W) x 44.0 (H) mm  
Resolution: 128\*64

### Recording and Playing:

Recording Length: 240 s

### Audio Output Power:

2 W

### Ultrasound:

Nominal Frequency: 2.0 MHz Probe: 2.0 MHz  
3.0 MHz Probe: 3.0 MHz  
  
Working Frequency: 2.0 MHz Probe: 2.0 MHz ±10%  
3.0 MHz Probe: 3.0 MHz ±10%

### Auto Shut off:

1 min/3 min with no signal or no operation

### Power Supply:

Main unit:  
AC: 100 V-240 V~  
Line Frequency: 50/60 Hz  
DC: 7.2 V (EDAN provided Ni-MH battery)  
Probe (SD6 Only):  
DC: 3.7 V (EDAN provided lithium battery)

### FHR Performance:

FHR Measuring Range: 50 bpm~210 bpm  
Resolution: 1 bpm  
Accuracy: ±3 bpm

### White Backlight:

Two modes adjustable: OFF, ON

### Earphone Jack:

3.5 mm

### Batteries:

Main unit:  
Ni-MH Battery  
Continuous working for Approx. 10 h  
Probe:  
Lithium Battery (SD6 Only)  
Continuous working for Approx. 3 h

## Configuration

	SD5	SD6
AC power supply	✓	✓
Battery power supply	✓	✓
Audio FHR sound	✓	✓
Numeric FHR display	✓	✓
LCD backlight	✓	✓
Audio output	✓	✓
Real time clock (RTC)	✓	✓
Infrared transmission	x	✓
2 MHz wired probe	✓	x
3 MHz wired probe	Opt	x
2 MHz wireless probe	x	✓
3 MHz wireless probe	x	Opt
Recording and playing of FHR sound	✓	✓
Security Lock	Opt	Opt
Rolling stand	Opt	Opt
Carry bag	Opt	Opt





SD5

## Features

### Advanced communication technology

Wireless transducer via infrared technology offers greater freedom of movement

### Convenient remote control probe

Buttons on the probe provide flexible control over the Doppler

### Dual high-fidelity speakers

Dual speakers serve mothers with superior sound quality of baby's heart beats

### Accurate FHF calculation

Application of autocorrelation algorithm ensures the accuracy of FHR

### Built-in audio recorder

Recording of FHR sound provides added reliability to diagnosis

### Anti-noise option

Earphone enables you to hear ideal audio FHR sound even in noisy environment

### Portable, lightweight design

Unique design is suitable for mobile use

### Flexible power supply solutions

Built-in rechargeable battery and AC/DC power supply are all available

### Security lock

Security cable lock keeps the Doppler secure wherever you go



SD6

# SD5/SD6

## Ultrasonic Table Top Doppler

Ultrasonic Tabletop Doppler SD5 and SD6 are the innovative development of Edan's Fetal Doppler category. The advanced infrared transmission technology truly brings freedom to OB clinical applications. Remote control probe and rolling stand serve you with perfectly convenient working environment that enables you to pay full attention to your patients. The SD Series integrates a crystal-clear informative display providing large-font value of FHR with advanced calculation technique to examine early pregnancy that starts from the 10th week.



Carry bag



Security Lock



Earphone



SD5 Wired probe



SD6 Wireless probe