

SD1

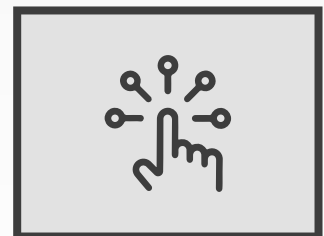
Ultrasonic Pocket Doppler



Free Android & iOS App
(SD1 with Bluetooth)



Digital Display of FHR



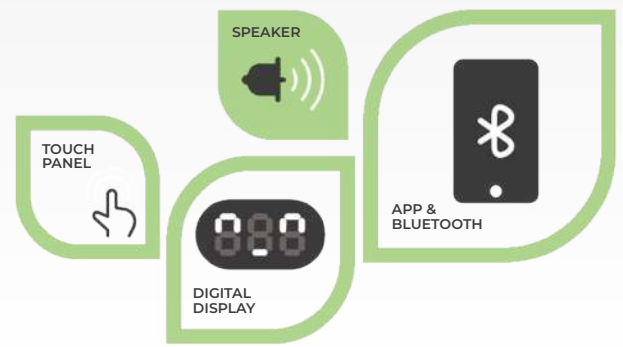
Touch Panel for
Easy Control

The SD1 all-in-one compact handheld Doppler stands out in Edan's ultrasound Doppler series. Unlike traditional technology, the SD1 utilizes pulse waves, surpassing the limitations of probe angles and fetal heart depth requirements. This enables users to quickly and easily locate the fetal heart rate signal.

With an exceptionally low radiation level, it ensures a safer and more comfortable application. Beyond its professional clinical use, the SD1 is also a user-friendly home-based device, allowing you the flexibility to use it anywhere, anytime.

Features:

- Built-in speaker with adjustable volume
- Includes carrying case for safe storage
- 3MHz probe detects fetal heart beat
- AA batteries for easy replacement
- Automatic power-off for battery power saving
- Built-in Bluetooth (Optional)



What's the Difference?

SD1-B

Includes built-in Bluetooth with connection to Android & iOS app to track baby's development



iOS & Android App



Growth Tracking



Care Information



Examination Recording



FHR Examination

Specifications

PHYSICAL SPECIFICATION

Dimensions: (48±2) mm x (39±2) mm x (147±3) mm
Weight: <180 g

DISPLAY

24±2) mm x (13±2) mm
Display Content:
FHR/Battery Level/Signal Intensity/
Sound Volume Level/FH Icon

BATTERY

Two AA 1.5 V Alkaline Batteries (AA,LR6,1.5 V)
Working Duration: ≥ 6 h

AUDIO OUTPUT

Output Power: 2 W
Background Noise: <45 dBA
Overall Sensitivity: >110 dB

FHR

Operating Mode: Pulsed wave(PW)
Working Frequency: 3 MHz
Nominal Frequency: 3 MHz
FHR Measurement Range: 50 bpm ~ 240 bpm
Resolution: 1 bpm
Accuracy: ±2 bpm
Ultrasound Output
Isppa.3 <190 W/cm²
Ispta.3 <94 mW/cm²
Isata <10 mW/cm²
Effective Radiating Area:
(490 ±15%) mm²
Other Info.
p-<1 MPa
lob <10 mW/cm²
Ispta <100 mW/cm²

BLUETOOTH

Transmission Range (Without Obstacles):
> 5 m(Indoor range depends on the
building's structure and material.

FCC ID: SMQSD1MEDAN
Modulation: GFSK π 4 DQPSK 8 DPSK
Frequency: 2400 ~ 2483.5 MHz
Tolerance Frequency: ≤20 ppm
RF output power: ≤20 dBm(EIRP)
Occupied Channel Bandwidth: ≤2 MHz
Transmitter Unwanted: ≤-30 dBm
Emissions: ≤-30 dBm

AUTO POWER-OFF

Power off when the Doppler receives
no signal or operation 2 minutes.