

SRF618E (FETAL HEART RATE DOPPLER) SPECIFICATIONS

Figure



Characteristics

- ◆ FHR detection from 10-week pregnancy up to delivery.
- ◆ ★ 3 display modes: Transient display mode, average display mode, manual counting model.
- ◆ ★ FHR sound intensity display synchronously
- ◆ ★ Waterproof USB probe for easy replacement.
- ◆ ★ Auto-gain control technology to assure accurate FHR detection.
- ◆ Water-drip key tone
- ◆ Build-in speaker.
- ◆ LED backlight display.
- ◆ Intellectual cancellation of erroneous FHR.
- ◆ 16-chord alarming on FHR value over-limitation.
- ◆ Function on volume adjustment and button click sound.
- ◆ Three Alkaline AA batteries for 10 hours continuous working. Low battery alarming and real-time battery status indicator.
- ◆ Auto power-off to save battery if no FHR signal is received within 2 minutes.

**Technical
Parameter**

Power Supply:

Battery for standard:

Battery type	3pcs Alkaline AA	Power	4.5V
Continuous working	≥ 10hours		
Battery for option:			
Battery type	3pcs Ni-MH rechargeable batteries	Power	3.6V
Recharging time	≥ 5hours	Battery volume	1800 mAH
Continuous working	≥ 12hours		

Indicator:

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	Volume indication bar		Volume station indicator		Alarming indicator	
	Battery volume indicator		Battery type indicator		FHR display	
	Auto average FHR detection		Manual FHR detection			
	Operating Environment:					
	Temperature		+5~+40℃		Relative humidity	
	Atmospheric pressure		86~106KPa.			
	Storage Environment:					
	Temperature		-10~+40℃		Relative humidity	
					≤80%	
	Remark: Free from corrosive gases, well ventilated.					
	Dimension and Weight:					
	Dimension		130*78*28mm		Gross Weight	
					0.5kg	
	Display: Digital LCD					
	Fetal Heart Rate (FHR) Measuring:					
	Measuring method		Ultrasonic Doppler		Measuring mode	
					Transient Average Manual	
	Maximal measuring range		30~240BPM		Resolution	
					1BPM	
	Integrative sensitivity		>100dB		Ultrasonic operating frequency	
					2.5MHz	
	Ultrasonic output intensity		≤5mW/cm ²		Audio output power (max)	
				<1W		
Waterproof probe		Yes				
Alarm:						
Function		Audible and visual alarming with song for abnormal FHR				
Upper limit		160BPM		Lower limit		
				120BPM		
Alarm triggering time		<3s (from out-of-limit of FHR to start of alarm.)				
Auto Power Off: Power off automatically with no signals of FHR received within 2 minutes.						

Standard Configure	Model		Quantity(pcs)		Remark	
	Fetal Heart Rate Doppler Detector		1		With the cylinder-like water-proof probe	
	Alkaline AA Size) Battery		3			
	Packing List		1			
	User's Manual		1			

For Option	External Ni-MH Rechargeable Battery		3			
	External Charger		1		Input AC100V~240V	
	Canvas Bag		1			
	Earphone		1			

NOTE: The specifications subject to change without prior notice.