



The BF500++ Pocket Foetal Doppler detects and displays the foetal heart rate from as early as 12 weeks of pregnancy through to full term. Lightweight and battery-operated, it is suitable for use in hospitals, clinics, and home settings, and features an LCD display, volume control, and a 2.5 MHz ultrasonic probe.

Early Detection of Foetal Heart Rate from 12 Weeks

The BF500++ Pocket Foetal Doppler uses Doppler ultrasound technology to detect and monitor the foetal heartbeat from as early as 12 weeks gestation. The device transmits a 2.5 MHz ultrasonic signal at an intensity of 25 mW/cm^2 and measures foetal heart rate across a range of 60 to 210 bpm, displaying results in real time on the built-in LCD. The combination of a well-established probe frequency and a clearly readable display allows midwives, obstetricians, and clinic nurses to carry out rapid antenatal assessments with confidence.

Portable Design for Clinical and Home Use

Weighing just 0.25 kg net, the BF500++ is designed for easy one-handed operation in any clinical setting or home environment. The compact form factor $200 \text{ mm} \times 165 \text{ mm} \times 65 \text{ mm}$ fits comfortably in a clinical bag or examination room drawer. The unit is powered by a 9.6 V rechargeable battery pack or standard 9 V cells, providing approximately 8 hours of continuous use per charge. An included 220 V / 50 Hz AC adapter supports mains operation or recharging, making the device versatile across fixed clinic rooms and mobile maternity settings. An integrated volume control allows the clinician to adjust the audible heartbeat signal during assessment.

Reliable Quality for Antenatal Monitoring

The BF500++ carries CE marking and is manufactured to ISO 9001:2000 quality standards, confirming its suitability for clinical use in South African healthcare facilities. Its straightforward operation requires minimal training, making it appropriate for use by community health workers and midwifery staff as well as obstetric clinicians. The device is well suited to primary healthcare clinics, antenatal wards, birthing units, and community-based maternal health programmes where portable, dependable foetal monitoring is required.

Technical Specs Table:

Specification	Value
Model	BF500++
Detection Range (Gestation)	From 12 weeks to full term
FHR Measurement Range	$60 - 210 \text{ bpm}$

Specification	Value
Ultrasonic Frequency	2.5 MHz
Ultrasonic Intensity	? 5 mW/cm?
Display	LCD (foetal heart rate)
Power Supply	9.6 V rechargeable battery or 9 V cells
Battery Life	?8 hours
AC Adapter	220 V / 50 Hz
Dimensions	200 mm ? 165 mm ? 65 mm
Net Weight	0.25 kg
Quality Standards	CE, ISO 9001:2000
Suitable Settings	Hospital, clinic, home

SKU: VM-DP500++