



The Contec 10B is a pocket fetal Doppler with LCD FHR display (50-240bpm, 2bpm), 2MHz continuous wave probe, detection from 10-12 weeks, dual audio output, 110-55-16.8mm, ~80g, 2 AAA batteries, >6hrs continuous use. CE. Available from Vital Medical South Africa.

Contec 10B Pocket Fetal Doppler with LCD Heart Rate Display

The Contec 10B is a compact pocket fetal Doppler designed for both clinical use and supervised home monitoring of fetal heart rate (FHR), enabling expectant mothers and midwives to auscultate the fetal heartbeat from as early as 10 to 12 weeks of pregnancy through to full term. The 2MHz continuous wave Doppler probe detects the characteristic fetal cardiac signal and the integrated LCD displays the calculated FHR in beats per minute - allowing precise numerical FHR reading rather than auditory-only assessment. The LCD FHR display shows values across the full clinical monitoring

range of 50-240bpm with ± 2 bpm accuracy, covering both the normal fetal heart rate range (110-160bpm) and the tachycardic and bradycardic ranges that indicate fetal compromise requiring clinical assessment.

Dual Audio Output and Compact Pocket Design for Homecare and Clinical Use

The 10B's dual audio output socket allows the expectant mother and a partner to listen simultaneously to the fetal heart sound through separate headphones – a valued feature for family monitoring. The built-in speaker provides hands-free auscultation without headphones for clinical examination scenarios. The probe and main unit are integrated into a single compact device (110 $\times$ 55 $\times$ 16.8mm, ~80g including batteries), making the 10B genuinely pocket-portable for use during home visits, antenatal clinics, community midwifery and wherever a compact, lightweight fetal heart rate monitoring device is required. Low power consumption from 2 $\times$ AAA batteries provides over 6 hours of continuous working time per battery set.

South African Antenatal and Midwifery Fetal Heart Rate Monitoring

The 10B can be connected to a computer, CD player or tape recorder via the audio output for recording the fetal heart sound – useful for clinical documentation, telemedicine consultations and parental keepsake recordings. The audio output also enables connection to amplifiers in group antenatal education sessions. CE certification confirms compliance with international quality and safety standards. Vital Medical supplies the 10B to South African midwives, general practitioners, antenatal clinics, community health workers and expectant families for routine fetal heart rate monitoring during pregnancy.

Technical Specifications

Specification	Detail
Model	Contec 10B Pocket Fetal Doppler

Specification	Detail
Type	Pocket Fetal Doppler with LCD FHR Display
Overall Dimensions	110?55?16.8mm
Weight	~80g (including batteries)
Probe Frequency	2MHz ?10%
Ultrasonic Intensity	<10mW/cm?
Working Mode	Continuous Wave Doppler
FHR Display	LCD 25?14mm
FHR Measuring Range	50?240bpm
FHR Accuracy	?2bpm
Detection Gestation	From 10?12 weeks to full term
Audio Output	Dual audio output sockets
Power	2?AAA 1.5V batteries
Continuous Working Time	>6 hours
Anti-electroshock	Type B equipment
Quality Standard	CE

SKU: VM-DFC10B