

The Contec CMS800G is a fetal monitor with 8.4" 60° folding colour LCD, integrated thermal printer (112mm width, 123cm/min), FHR 50-210bpm (2bpm, 1bpm resolution), TOCO 0-100%, 12-hour data storage, twins monitoring option, 3-hour battery backup, RJ45 network, 320x260x80mm, 3.2kg. CE. Available from Vital Medical South Africa.

Contec CMS800G Fetal Monitor with 8.4-Inch Pop-Up Screen and Integrated Thermal Printer

The Contec CMS800G is a compact, full-featured electronic fetal monitor (EFM) providing simultaneous FHR (fetal heart rate) and TOCO (uterine contraction) monitoring with an 8.4-inch colour LCD pop-up screen that folds to 60 degrees for optimal visibility at the bedside, in delivery rooms and antenatal assessment units. Electronic fetal monitoring (CTG = cardiotocography) is the standard of care for intrapartum fetal surveillance in obstetric practice, and the CMS800G provides the full CTG trace output = FHR waveform, TOCO contraction pressure trace, and numerical display = in a compact, lightweight (3.2kg) unit suitable for deployment in labour wards, antenatal assessment units and labour rooms.

High-Sensitivity 9-Element 1MHz Pulse Doppler Transducer and Twins Option

The CMS800G's high-sensitivity 9-element 1MHz pulse Doppler ultrasound transducer with autocorrelation signal processing provides reliable fetal heart rate detection across a wide range of patient positions, fetal positions and gestational ages. FHR detection range is 50-210bpm with 1bpm resolution and 2bpm accuracy, and the FHR normal range (120-160bpm) is highlighted on the display for immediate visual reference. The optional twins monitoring function enables simultaneous monitoring of twin pregnancies with two ultrasound transducers = an important capability in obstetric units with a significant twin delivery caseload.

South African Obstetric and Labour Ward CTG Supply

The CMS800G's integrated thermal printer (Z-fold thermal paper, 112mm total width, 104mm effective printing width, print speeds 12/3cm/min) provides the permanent CTG paper record

required for clinical documentation, legal records and obstetric review. The 12-hour data and waveform storage allows retrospective CTG review during shifts. The 3-hour built-in battery backup maintains monitoring continuity during power interruptions – a critical feature in South African clinical environments where load-shedding is a regular occurrence. RJ45 network interface enables connection to central monitoring systems. CE certification. Vital Medical supplies the CMS800G to South African labour wards, antenatal assessment units and private maternity hospitals.

Technical Specifications

Specification	Detail
Model	CMS800G
Brand	Contec Medical Systems
Type	Electronic Fetal Monitor (CTG)
Display	8.4-inch colour LCD, 60° folding
Recorder	Integrated thermal printer
Record Paper	Z-fold thermal paper
Printing Width	112mm total; 104mm effective
Print Speed	1, 2, 3 cm/min
FHR Technique	Ultrasound pulse Doppler, autocorrelation
FHR Transducer	9-element 1MHz pulse Doppler
FHR Range	50-210bpm
FHR Resolution	1bpm
FHR Accuracy	±2bpm
TOCO Range	0-100%; Resolution 1%; Non-linear error ±10%
Fetal Movement	Manual marker
Data Storage	12 hours
Battery Backup	3 hours built-in
Signal Interface	RJ45 (PC network / central monitoring)
Power Supply	AC100-240V, 50/60Hz, Pmax=60VA
Dimensions	320-260-80mm
Weight	3.2kg
Twins Option	Available (optional)
Quality Standard	CE



Contec Doppler Foetal CMS800G 8.4 inch Screen with optional twins

SKU: VM-DOPCMS800G