

The CONTEC CMS9000 is a multiparameter patient monitor with a 12.1-inch colour TFT display and up to 8 waveform channels. It covers NIBP, SpO2, ECG, respiration and dual-channel temperature for adult, paediatric and neonatal patients, with optional EtCO2 and 2-channel IBP. It offers 72-hour trend storage, a built-in rechargeable battery and ESU and defibrillation protection, and is available from Vital Medical for South African hospitals.

The CONTEC CMS9000 is a versatile multiparameter patient monitor built around a 12.1-inch colour

TFT display that simultaneously presents up to 8 waveform channels alongside numerical parameter values, alarm status and trend data on a single screen. The monitor is configurable for adult, paediatric and neonatal patient populations, covering the full spectrum of clinical monitoring requirements from adult general ward to neonatal intensive care. Standard parameters include NIBP (oscillometric, manual/automatic/STAT modes, 10–270 mmHg adult range), SpO2 (0–100%, ±2 digit accuracy), ECG (3- or 5-lead selectable with arrhythmia analysis, ST segment analysis and pacemaker detection), respiration (RA-LL impedance, 6–150 rpm with apnea alarm) and dual-channel temperature (0.1°C resolution, 0–50°C alarm range). Optional parameters include EtCO2 (sidestream or mainstream, 0–99 mmHg) and invasive blood pressure (2-channel IBP) for expanded critical care monitoring capability.

72-Hour Trend Storage and Comprehensive Alarm Management

The CMS9000 stores 72 hours of parameter trend data in tabular and graphical format for retrospective review, a clinically important capability for identifying parameter trends and evaluating patient status over the full ICU or ward admission period. A 40-second holographic waveform review allows the clinician to recall and examine the exact waveform capture at any alarm event or period of clinical interest. Audible and visual alarms with recallable alarm event logs maintain continuous vigilance over all monitored parameters. Alarm ranges are adjustable to patient-specific values. Electrosurgical unit (ESU) and defibrillation protection (4000 VAC/50 Hz isolation) ensures the monitor operates safely in theatre and resuscitation environments without measurement interruption.

Portable, Battery-Backed Clinical Monitor for South African Hospital Use

The CMS9000 incorporates a built-in rechargeable battery for portable operation during patient transport between clinical areas without mains power disconnection, preventing loss of monitoring continuity during inter-ward or inter-facility transfer. The optional built-in thermal recorder supports direct paper recording of ECG and parameter waveforms from the monitor for documentation purposes. Up to 10 monitoring parameters can be configured for advanced clinical monitoring in ICU, HDU, theatre, emergency and general ward environments. Vital Medical supplies the CONTEC CMS9000 to South African hospitals, specialist units and private hospitals requiring a reliable, comprehensive multiparameter patient monitoring solution.

Technical specifications

Specification	Detail
SKU	VM-PM9000
Brand	CONTEC
Model	CMS9000
Type	Multiparameter Patient Monitor
Display	12.1″ Colour TFT, up to 8 waveform channels
Standard Parameters	NIBP, SpO2, ECG, Respiration, Temperature (×2)
Optional Parameters	EtCO2, 2-IBP, CO (thermodilution)
NIBP	Oscillometric; Adult 10–270 mmHg; Manual/Auto/STAT; ANSI/AAMI SP-10
SpO2	0–100%; ±2 digit (70–100%)
ECG	3-lead or 5-lead; arrhythmia analysis; ST detection; pacemaker detection
Respiration	RA-LL impedance; 6–150 rpm; apnea alarm
Temperature	0.1°C resolution; dual-channel; 0–50°C alarm range
Trend Storage	72 hours
Waveform Review	40 seconds (holographic)
Patient Population	Adult, paediatric, neonatal
Recorder	Optional built-in thermal recorder
Battery	Built-in rechargeable
Safety	ESU and defibrillation protected (4000 VAC/50 Hz)

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