

The CONTEC CMS8000 Multiparameter Patient Monitor (VM-PMCMS8000) is a 12.1-inch TFT colour LCD patient monitor for comprehensive multiparameter monitoring across adult, paediatric and neonatal patients in ICU, HDU, ward and theatre environments. It has a 15-language interface and standard parameters covering 5-lead ECG, SpO2, NIBP, respiration and dual-channel temperature, with 72-hour trend storage, USB and network connectivity, and 7-level audible and visual alarms with anti-arrhythmia and anti-pacemaker-interference capability. Optional parameters include dual-channel invasive blood pressure (IBP), side-stream EtCO2 and TMAP, and a dual rechargeable battery supports monitoring during power interruptions and patient transport. It is CE and FDA certified.

Available in South Africa from Vital Medical.

12.1-Inch High-Resolution Multiparameter Monitor with 15-Language Interface

The CONTEC CMS8000 is a 12.1-inch TFT colour LCD patient monitor designed for comprehensive multiparameter monitoring in ICU, HDU, ward and theatre environments across all patient age groups: adult, paediatric and neonatal. The 15-language interface makes the CMS8000 accessible to multinational clinical teams and deployable in international healthcare settings without language barriers. Standard parameters include ECG with 5-lead acquisition (RA, LA, RL, LL, V; lead selection I, II, III, aVR, aVL, aVF, V), SpO2, NIBP (oscillometric, adult and paediatric/neonatal ranges), respiration with apnea alarm, and dual-channel temperature. All parameters display simultaneously on the colour TFT screen with trend graphs, big numerics, bar chart and freeze functions available.

72-Hour Trend Storage, USB and Network Data Management

The CMS8000 stores up to 72-hour parameter trends and 24-hour groups of IP data, with 48-hour review of ECG waveforms and software updating capability. A USB interface supports data transfer to external storage and analysis systems, and a network interface connects the CMS8000 to the CONTEC central monitoring station for multi-bed centralised monitoring from a nursing station. Audible and visual alarms with 7 physiological alarm levels and anti-arrhythmia alarms cover all parameters, with alarm events recallable for event review. Anti-electromagnetic interference and anti-weak filtering capability maintain signal quality in electrically noisy clinical environments. The monitor can be configured for anti-pacemaker interference for use with pacemaker-dependent patients.

Optional Parameters and South African ICU Applications

Optional parameters expand the CMS8000 into full ICU capability: dual-channel invasive blood pressure (IBP) for ART, PA, CVP, RAP, LAP and ICP monitoring; EtCO2 (side-stream); and TMAP. A dual rechargeable battery supports uninterrupted monitoring during power interruptions and patient transport. The CMS8000 meets FDA certification requirements in the Americas and CE certification in

Europe. Available in South Africa from Vital Medical, the CONTEC CMS8000 is supplied to South African ICUs, high care units, theatres and specialist monitoring environments requiring a high-specification multiparameter monitoring solution with advanced data management and optional parameter expansion.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
Brand	CONTEC
SKU	VM-PMCMS8000
Model	CMS8000
Type	Multiparameter patient monitor
Display	12.1″ TFT colour LCD
Language	15 languages
Standard Parameters	ECG, SpO2, NIBP, respiration, temperature (dual-channel)
Optional Parameters	2-IBP, EtCO2 (side-stream), TMAP, network
ECG	5-lead (RA, LA, RL, LL, V); leads I/II/III/aVR/aVL/aVF/V; arrhythmia analysis; ST detection
SpO2 Range	0-99%
SpO2 Accuracy	±2% (70-99%); unspecified below 70%
NIBP	Oscillometric; adult and paediatric/neonatal ranges; manual/auto/STAT modes
Respiration	Apnea alarm at 10rpm
Temperature	1-50°C, dual-channel, ±0.1°C
Trend Storage	72 hours
Data Connectivity	USB, network
Patient Population	Adult, paediatric, neonatal
Certifications	CE, FDA

SKU: VM-PMCMS8000