

The CONTEC08A is a fully automatic upper-arm digital blood pressure monitor with integrated SpO2 monitoring. It features a 2.8-inch colour LCD, three user profiles with 100 records each, adult/paediatric/neonatal measurement modes, alarm function and PC communication. Measurement range: 0-290 mmHg BP, 35-100% SpO2. Class II Type BF device. Available from Vital Medical in South Africa.

Dual-Parameter Monitoring: Blood Pressure and SpO2 in One Device

The CONTEC08A is a versatile fully automatic upper-arm blood pressure monitor that simultaneously supports SpO2 (peripheral oxygen saturation) measurement via the included pulse oximetry probe. This dual-parameter capability makes it a practical choice for clinical settings where both cardiovascular and respiratory status monitoring are required during the same patient assessment – including GP consultations, post-operative monitoring, respiratory clinics and emergency triage. The oscillometric blood pressure measurement spans 0 to 290 mmHg, while the SpO2 probe reads saturation from 35% to 100%, with a measurement accuracy of ± 3 mmHg for BP and $\pm 2\%$ for SpO2. The 2.8-inch colour LCD displays all readings simultaneously, with clear digital figures that are easy to read in varied lighting conditions.

Multi-User Memory, Paediatric and Neonatal Modes

The CONTEC08A supports three independent user profiles, each storing 100 blood pressure records with date and time stamps, enabling it to serve multiple clinicians or patients from a single device without data mixing. An alarm function can be configured to alert clinicians to readings outside preset thresholds. Three measurement modes – adult, paediatric and neonatal – with appropriate pressure settings allow the device to be used across a wide patient population, from adult outpatient clinics to paediatric wards and neonatal units. PC communication via USB enables data transfer to clinical record systems for ongoing patient monitoring and documentation.

Portable and Versatile for South African Clinical Settings

The CONTEC08A is powered by four AA batteries, making it fully portable for ward rounds, home

visits and community clinic use. It includes a carry bag for convenient storage and transport. The unit is classified as a Class II Type BF medical electrical device, confirming electrical safety standards appropriate for patient-applied clinical use. Vital Medical supplies the CONTEC08A to South African healthcare providers, offering a comprehensive, dual-parameter monitoring solution for clinics, hospitals and community health programmes that require reliable BP and SpO2 assessment from a single portable device.

Technical Specifications

Specification	Detail
Brand	CONTEC
Model	CONTEC08A
Type	Automatic Upper Arm BP Monitor with SpO2
BP Measurement Range	0-290 mmHg
SpO2 Range	35-100%
BP Accuracy	±3 mmHg
SpO2 Accuracy	±2%
Display	2.8-inch Colour LCD
User Profiles	3 users / 100 records each
Measurement Modes	Adult, Paediatric, Neonatal
Alarm Function	Yes
PC Communication	USB
Power	4 x AA batteries
Accessories	SpO2 probe, carry bag
Classification	Class II, Type BF
Certifications	CE

SKU: VM-BP08A