

The Rossmax CH155F is a 4th-generation one-touch fully automatic upper-arm blood pressure monitor featuring Real Fuzzy Technology, IHB irregular heartbeat detection, hypertension risk indication, 90 memories and a unique clinician calibration function. The latex-free universal cone cuff fits 24-40cm arms. CE certified. Available from Vital Medical in South Africa.

4th Generation Technology with Clinician Calibration Capability

The Rossmax CH155F is a 4th-generation fully automatic upper-arm blood pressure monitor that adds a clinician calibration function to the full feature set of the CF155F series. The ability to recalibrate the device in a clinical environment is a significant advantage for healthcare facilities that perform periodic instrument verification against a reference standard – a practice required in many regulated healthcare settings, including occupational health services, hospital outpatient departments and hypertension management programmes. The calibration function allows clinical staff to adjust the device's calibration to maintain measurement accuracy over time, extending the useful service life of the instrument and supporting compliance with equipment maintenance protocols.

Real Fuzzy Technology, IHB Detection and Memory Functions

The CH155F uses Real Fuzzy Technology to compensate for patient movement during measurement, reducing the likelihood of inaccurate readings caused by arm motion. An Irregular Heartbeat (IHB) indicator alerts users to potentially abnormal cardiac rhythms detected during blood pressure measurement. Ninety memory slots retain previous readings, and the device calculates the average of the last three measurements automatically – consistent with international hypertension guideline recommendations for reducing inter-measurement variability. A hypertension risk indication function provides immediate visual categorisation of each reading relative to international blood pressure classification thresholds.

Latex-Free Universal Cuff and South African Clinical Applications

The CH155F uses Rossmax's latex-free universal cone cuff, fitting arm circumferences from 24 to

40cm without requiring cuff size selection, supporting efficient clinical workflow. The CH155F is CE certified and supplied to South African healthcare providers by Vital Medical. It is particularly well suited to occupational health services, GP practices and healthcare facilities that require an automatic blood pressure monitor with verified calibration maintenance capability ? ensuring measurement accuracy is maintained and documented throughout the instrument's service life.

Technical Specifications

Specification	Detail
Brand	Rossmax
Model	CH155F
Generation	4th Generation
Type	Automatic Upper Arm BP Monitor
Measurement Range	30?260 mmHg
Accuracy	?3 mmHg
Display	LCD
Memory	90 readings
Average Function	Last 3 readings
Irregular Heartbeat Detection	IHB (yes)
Hypertension Risk Indication	Yes
Movement Detection	Yes (Real Fuzzy Technology)
Calibration Function	Yes (clinician recalibration)
Cuff	Latex-free universal cone cuff, 24?40cm
Power	4 ? AAA batteries or DC 6V adaptor
Certifications	CE

SKU: VM-BPCH155F