

The Rossmax CF155F is a one-touch fully automatic upper-arm blood pressure monitor featuring Real Fuzzy Technology for accurate readings despite movement, IHB irregular heartbeat detection, 90 memories, hypertension risk indication and a latex-free universal cone cuff fitting 24-40cm arms. Measurement range: 30-260 mmHg. CE certified. Available from Vital Medical in South Africa.

Real Fuzzy Technology for Accurate Measurement Despite Movement

The Rossmax CF155F is a one-touch fully automatic upper-arm blood pressure monitor built around Rossmax's Real Fuzzy Technology, an intelligent algorithm that compensates for minor arm movement during measurement to deliver accurate readings even when the patient does not remain perfectly still. This is clinically important because patient movement is one of the most common sources of measurement error in oscillometric blood pressure monitors, and the ability to automatically account for movement reduces the need for repeat measurements and improves overall measurement reliability in busy clinical settings. The CF155F measures from 30 to 260 mmHg with a standard accuracy of ± 3 mmHg, covering the full clinical range of blood pressure values for adult patients.

IHB Detection, 90-Memory Storage and Average Recall

The Rossmax CF155F incorporates an Irregular Heartbeat (IHB) detector that flags potentially abnormal heart rhythms during measurement, alerting the clinician or patient to results that may warrant further investigation. Ninety memory slots store previous measurements, and the device automatically calculates the average of the last three readings – a feature recommended by international hypertension guidelines for reducing measurement variability and improving diagnostic accuracy. A hypertension risk indication function compares each reading against international blood pressure classification thresholds and displays a colour-coded alert, providing immediate at-a-glance interpretation for patient and clinician.

Universal Cone Cuff and Practical Clinical Suitability

The CF155F uses Rossmax's patented latex-free universal cone cuff, which fits arm circumferences

from 24 to 40cm ? covering the majority of the adult population without requiring cuff size selection. This simplifies clinical workflow and reduces the risk of cuff-size measurement error. The device is powered by four AAA batteries with an optional DC adaptor for mains operation, measures 124 ? 85 ? 68.6mm and weighs 345g. CE certified and supplied by Vital Medical to South African healthcare providers, the CF155F is a reliable, feature-rich automatic blood pressure monitor suited to GP practices, hypertension clinics and home monitoring programmes.

Technical Specifications

Specification	Detail
Brand	Rossmax
Model	CF155F
Type	Automatic Upper Arm BP Monitor
Measurement Range	30?260 mmHg
Accuracy	?3 mmHg
Pulse Rate Range	40?199 bpm
Pulse Accuracy	?5%
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)
Cuff	Latex-free universal cone cuff, 24?40cm
Dimensions	124 ? 85 ? 68.6mm
Weight	345g (without batteries)
Power	4 ? AAA batteries or DC 6V adaptor
Certifications	CE

SKU: VM-BPCF155F