

SAM-TECH DIAGNOSTICS

Zybio Z50

Hematology Analyzers

Overview

The Zybio Z50 is a compact, fully automated 5-part differential hematology analyzer delivering 29 parameters, clinician-grade CBC results, and true 5-part WBC differentiation

Product Description

The Zybio Z50 redefines what a compact hematology analyzer can do. Designed for high-diagnostic-value environments that don't have the luxury of large footprints or complex workflows, the Z50 brings sophisticated 5-part WBC differentiation technology into a streamlined, space-efficient unit. At its core, the Z50 uses tri-angle laser scatter combined with advanced flow cytometry and chemical dye technology, enabling accurate 5-diff WBC differentiation even on samples with elevated Eosinophil counts — a common challenge for traditional analyzers. A dedicated channel and optical method for Basophil measurement ensures superior basophil counting performance compared to conventional impedance-based methods. The analyzer features two on-board lysers in a compact design built on highly integrated electronic boards, with a simplified liquid path system tailored for small labs and clinics. It supports venous blood, capillary blood, and pre-diluted blood sample types, making it flexible across a wide range of patient populations including paediatrics and elderly patients where venipuncture can be challenging. Multiple smart flags alert the operator to abnormal blood cell differentiation and morphology, supporting faster and more accurate clinical decision-making. The result is a dependable, easy-to-operate analyzer that brings 5-part differential performance within reach of even resource-constrained healthcare facilities.

Key Features

- ? True 5-Part Differential
- ? Dedicated Basophil Detection

? 29 Parameters

? 60 samples per hour

? 1 test per minute

Product Information

Price: KES 0

For More Information

Contact our sales team for detailed specifications and pricing

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