

SAM-TECH DIAGNOSTICS

PocTell

Blood Gas Analyzers

Overview

PocTell is a compact, portable point-of-care blood gas analyser measuring 34 parameters across blood gases, electrolytes, and metabolites in just 3 minutes, with a maintenance-free cartridge design and 24-hour battery.

Product Description

The PocTell Blood Gas Analyzer by Innochek Biotech is a cutting-edge point-of-care testing solution that brings laboratory-level blood gas analysis to the bedside, ICU, emergency room, theatre, and beyond. Using microfluidic electrochemical technology, it condenses the full analytical capability of a laboratory onto a single test cartridge, measuring 10 direct parameters — including pH, pCO₂, pO₂, K⁺, Na⁺, Cl⁻, iCa²⁺, Glucose, Lactate, and Hct — and calculating an additional 24 derived parameters, for a total of 34 results per test. With no pre-heating required, the entire calibration and testing process completes in just 3 minutes from a minimum sample of just 150µl. The maintenance-free design eliminates fluidic pathways entirely, and cartridges can be stored at room temperature for up to 8 months. The device's built-in lithium battery supports over 24 hours of standby and 60+ consecutive tests per charge, making it truly field-ready. A large 8.9-inch touchscreen, built-in QR scanner, thermal printer, 100,000+ record storage, and LIS/HIS connectivity complete a remarkably capable and portable package suited for emergency, surgical, paediatric, respiratory, cardiology, and neonatal clinical environments.

Key Features

- ? 34 parameters per test
- ? Results in 3 minutes

- ? Maintenance-free cartridge
- ? 24+ hour battery standby
- ? 150µl minimum sample volume
- ? 100,000+ record storage

For More Information

Contact our sales team for detailed specifications and pricing

Email: info@sam-techdiagnostics.com

Phone: +254 123 456 789

Website: www.sam-techdiagnostics.com

© 2026 SAM-Tech Diagnostics. All rights reserved.