

SAM-TECH DIAGNOSTICS

I-Smart 30 Pro

Electrolyte Analyzers

Overview

i-Smart 30 PRO is a compact electrolyte analyser measuring Na⁺, K⁺, and Cl⁻ from just 60µl of blood in 35 seconds — featuring a maintenance-free all-in-one cartridge and intuitive touchscreen for fast, reliable point-of-care testing.

Product Description

The i-Smart 30 PRO by i-SENS is a compact, innovative electrolyte analyser engineered for speed, simplicity, and minimal maintenance in any clinical setting. Using Direct Ion-Selective Electrode (ISE) electrochemistry, it accurately measures sodium (Na⁺), potassium (K⁺), and chloride (Cl⁻) concentrations from just 60µl of whole blood, plasma, or serum — delivering results in as little as 35 seconds on a large colour touchscreen. Its revolutionary all-in-one cartridge design eliminates the complex daily and weekly maintenance routines required by conventional analysers; simply replace the cartridge monthly. Each cartridge lasts up to 4 weeks and accommodates 100 or 200 samples, with an 18-month shelf life. The built-in barcode scanner enables fast, error-free data entry, while 4-level QC capability and LIS/HIS connectivity ensure clinical compliance and seamless integration. With up to 2 hours of battery operation, the i-Smart 30 PRO is equally suited for ward-based, emergency, and laboratory environments.

Key Features

- ? 3 parameters measured
- ? Results in 35 seconds
- ? Maintenance-free all-in-one cartridge

- ? Up to 2 hours battery operation
- ? 4-level QC with barcode setup
- ? Compact & lightweight

For More Information

Contact our sales team for detailed specifications and pricing

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