

SAM-TECH DIAGNOSTICS

Pictus 500

Fully-Auto Biochemistry Analyzers

Overview

Diatron P500 is a fully automated, random access bench-top clinical chemistry analyser delivering up to 420 tests/hour with uninterrupted walk-away operation, 95-sample onboard capacity, and Windows-based software for small to mid-size labs.

Product Description

The Diatron P500 is an ergonomically designed, fully automated random access bench-top clinical chemistry system built for small to mid-size laboratories that demand high-throughput performance without the cost of larger platforms. Powered by advanced Windows-based software, it achieves a maximum throughput of 420 tests per hour including ISE, with a first result in just 45 seconds. Its continuous sample and reagent loading capability — supporting 95 samples across 5 racks and up to 72 refrigerated reagent vials onboard — ensures truly uninterrupted workflow with minimal operator intervention. The removable and interchangeable reagent tray, real STAT function, automatic sample dilution, and remote access diagnostics give laboratories exceptional operational flexibility. An optional direct 4-ISE module expands electrolyte testing capability, while the internal barcode reader, on-screen inventory management, and host-query LIMS integration streamline data handling. With support for primary, secondary, and micro-cup paediatric samples, editable A4 patient reports, and unlimited searchable patient records, the P500 is a market-leading system that delivers enterprise-level functionality at a mid-range price point.

Key Features

- ? 95 samples onboard capacity
- ? 72 refrigerated reagent vials onboard

- ? 420 tests/hour maximum throughput
- ? Flexible sample handling
- ? Walk-away automation
- ? Optional direct 4-ISE module

For More Information

Contact our sales team for detailed specifications and pricing

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