

Equipment & Analyser Selection

Diagnostics, Labs & Imaging

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Helps choose analysers and equipment for a diagnostic lab — by test menu, volume, throughput, reagent model and budget — with a recommended list. Use it to plan capex. For the buy-versus-rent choice use the Reagent-Rental vs Purchase Analyzer.

Purpose of this tool & output

Choose analysers and lab equipment

How the output is used

Use it to choose analysers and lab equipment — the right analysers for your test menu, volume and budget.

Important cautions

Match analyser throughput to realistic volume — oversized machines idle capital, undersized ones bottleneck. Closed reagent systems lock you to a vendor; open systems need validation. Service uptime and reagent availability matter as much as price. Get demos and validate before buying.

Companion documents

- Lab Layout & Design Planner
- Reagent-Rental vs Purchase Analyzer
- Collection Centre Setup Guide
- Sample Cold-Chain & Transport Setup
- Imaging/Radiology Suite Setup
- Lab Biosafety & Safety Plan

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.