

Research on the operation and maintenance of the Metrolab 2300 plus biochemical analyzer

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Abstract: This topic aims to evaluate the operational status of the Metrolab 2300 Plus biochemical analyzer in local hospitals, identify factors affecting its performance, and propose optimal maintenance solutions. Through a combination of theoretical research and experimentation, the project seeks to enhance the quality of medical services by improving the accuracy and reliability of testing processes. The expected outcome is to establish an effective maintenance management system to minimize downtime, extend equipment lifespan, and optimize operational costs.

Keywords: operating testing machines, technical maintenance, Metrolab 2300 Plus, quality of medical services, maintenance management system