

# Automated Laboratory Analysis System

This automated system is designed for experimental analysis in laboratory settings. It features a sample processing unit with a robotic arm and a control unit for parameter setting and data acquisition.



## Overview

### Automated Laboratory Analysis System

This sophisticated analytical instrument is designed to streamline experimental analysis in professional laboratory environments. Featuring a modular architecture, it combines a precision sample processing unit with an integrated robotic arm for seamless, automated handling of test tubes. A dedicated control unit with a digital interface allows for precise parameter setting and efficient data acquisition, making it an ideal solution for complex sample preparation, chemical analysis, and biological assays.

## System Architecture

### Core Modules

- Automated Sample Processing Unit
- Robotic Sample Handling Arm
- Digital Control & Interface Unit

### Automation Features

Robotic Handling, Automated Sample Processing, Digital Data Acquisition

## Key Performance Metrics

### Performance Highlights

**2 units**

Primary Modules

## Applications

### Laboratory Applications

Sample Preparation • Chemical Analysis • Biological Assays