



PW-D500 Biochemistry Analyzer



- ◆ High standard international universal power supply, making the instrument work all over the world.
- ◆ Full-open program system, all kinds of reagents are available.

Introduction

The machine is designed with creation technology, integrated with advanced light technology, micro-computer technology to get smaller size and more comprehensive function and better performance and more convenient operation.

Features

- Control and manage data through build-in micro-processor.
 - High automated level, with many automated functions, such as: auto wavelength transform, auto print, auto display, ect.
 - Open programming, reagent free-choice.
 - Testing method: end point, two-point, kinetics, multipoint scaling, immune turbidity, absorbance, sample blank, single and double wavelength.
 - Dynamic realtime curve display, monitoring reagent invalidation, concentration overtop, over linearity in time.
 - Auto storing QC within 31 days, display and print QC chart and statistics data.
 - New type storage mode, permanently protect data from suddenly power off.
 - High-capacity store sample test results、QC data and QC chart.
 - Print item report and comprehensive sample report, store item list and every item program parameter.
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Main technical index

- Filters: 7 filters, 340、405、510、546、578、620、690nm (auto transform)
- Wavelength range: 340-700nm
- Absorbance range: -0.3 ~ 3.5ABS
- Absorbance resolution: 0.001ABS(display) 0.0001ABS(inside)
- Stability: $\leq 0.005\text{Abs}/20\text{min}$
- Cross contamination: $\leq 0.5\%$
- Flowing colorimetric cell: 10mm 32ul
- Temperature control: 25℃, 30℃, 37℃, room temperature
- Once injection: 100 ~ 2000ul
- Display: 240×128 lattice LCD
- Printer: Build-in thermal sensitive printer
- Interface: Standard RS232 interface
- Power supply: 110-220V $\pm 10\%$ 50Hz-60Hz(auto transform)