

# PKLPPC-200

Automatic Chemistry Analyzer

## Specifications

Assay methods: End Point, Kinetic, Fix time etc.

Principle: Photoelectric colorimetry

Light Source: Halogen lamp 12V/20W

Photometry range: 0~3.2Abs

Resolution: 0.0001Abs

Wavelength: 340nm\405nm\450nm\492nm\510nm\546nm\578nm\630nm\700nm\800nm

Throughput: 200 tests/hour

Reagent tray: 60 reagent positions (include 1 detergent position, 1 dilution position)

Sample tray: 45 sample positions, including detergent, standard, QC, STAT positions

Reaction tray: 120 reaction cuvettes

Sample volume: 2~100ul, with 0.1ul increment

Reagent volume: R1: 10~500uL, R2: 10~500uL, with 0.5uL increment

Minimum reaction volume: 180uL

Maximum reaction time: 10 minutes

Water Consumption: 5L/hour under working status

Clean unit: 8-step auto-washing system with detergent

Calibration: Calibration reset, select best test point by reaction curve, no need second calibration

Line/non-line; multi-standards assay

Control rules: Westgard multi-rule, Cumulative sum check, Twin plot

3 level controls for each item, analysing and printing QC analysis diagram

Temperature control: incubator 37±0.1

Power supply: AC 230(1±10%)V, 50/60Hz, 500VA

Ambient: Operating temperature: 10~30

Relative humidity: ≤85%

Atmospheric pressure: 86~106kPa

## Features

- ▣ 24 hour non-stop cooling system to ensure reagent at 2-8
- ▣ Durable ceramic syringes to ensure accuracy & precision
- ▣ High accurate optical system
- ▣ Collision protection in both vertical and horizontal directions, stop & alarm automatically once touching barrier, not affect former tests
- ▣ Automatic eligible cuvettes detection & selection
- ▣ Select best test point by reaction curve, create new factor automatically
- ▣ Support LIS interface



## PKLPPC-200 Automatic Chemistry Analyzer

- ▣ Random access, 200 tests per hour
- ▣ Durable ceramic syringes
- ▣ Select best test point by reaction curve, create new factor automatically
- ▣ Support bi-direction LIS and HIS interface

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84123 SALERNO

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www.pokler.it



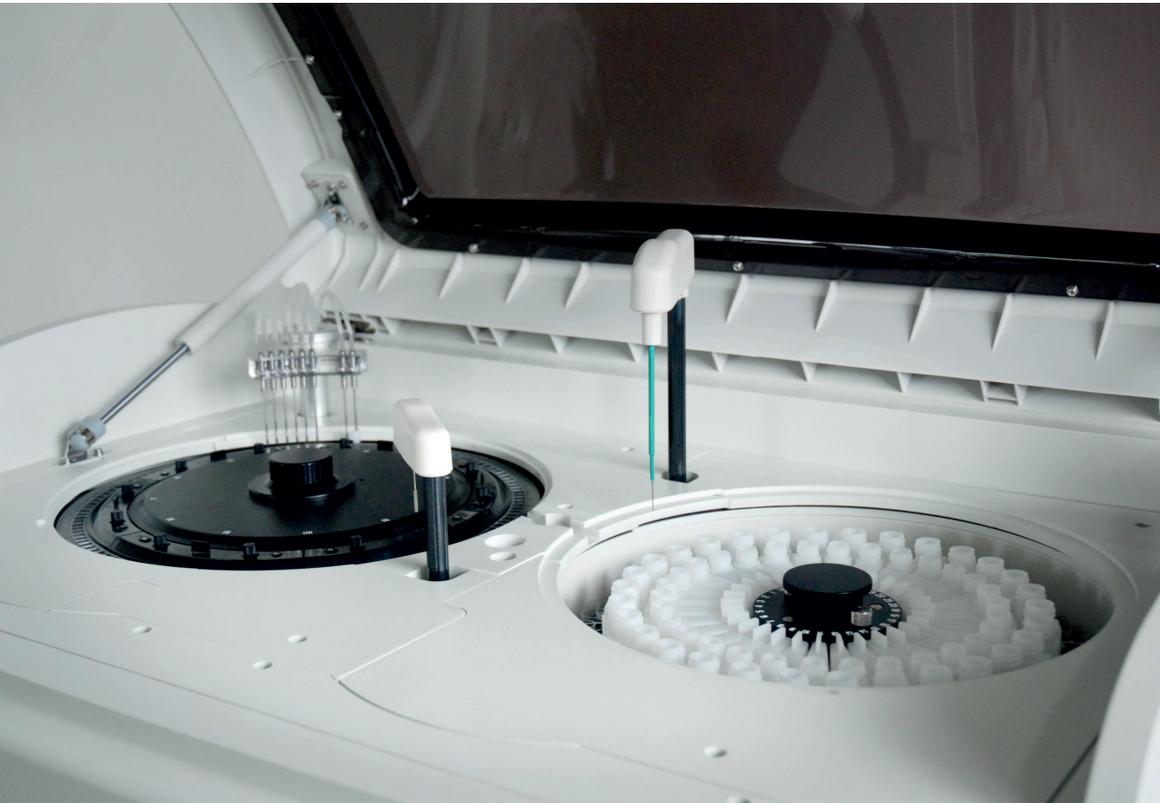
ISO 9001-2000  
Certificato N.9120PAR2



ISO 13485-2003  
Certificato N.9124PAR3

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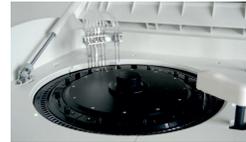


## Accurate Sampling Sample/Reagent System

- ▣ Collision protection
- ▣ Liquid level detection
- ▣ Internal and external probe washing
- ▣ Probe depth adjustment automatically



## High performance mixer design



- ▣ Absence of cross contamination
- ▣ Optimal homogenization in minimum time
- ▣ Mixing immediately after dispensing of sample and the second reagent

## Stable Optical System



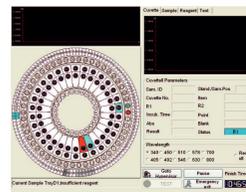
- ▣ High accurate, close, static state optical system
- ▣ Spot photometry with high speed digital transmission system
- ▣ Durable cuvettes
- ▣ 8-step auto-washing system with detergent and deion-water to ensure cuvettes clean and decrease cross contamination
- ▣ 120 reaction cuvettes located in a constant temperature incubator
- ▣ Low consumption, open reagent design

## Multi-function sample/reagent tray



- ▣ 60 reagent positions, support 25mL, 50 mL reagent bottle type.
- ▣ 45 sample positions including routine, stat, control and standard
- ▣ Various primary tubes and special cups can be used
- ▣ Up to 20 virtual sample tray can be programmed
- ▣ 24 hours nonstop cooling system with peltier element

## Dynamic and real time display of running status



- ▣ Running status of reagent tray, sample tray and reaction tray
- ▣ Real time monitoring of reagent residual volume
- ▣ Intelligent carry over setting to adjust test sequence, STAT test priority
- ▣ Probe depth adjustment automatically
- ▣ Real time monitoring of reaction curve
- ▣ Real time diagnosis of system working status