

## Automatic Chemistry Analyzer

# PKL PPC 125

Automatic Chemistry Analyzer

### Features

- Bench top Model
- End point  $cv \leq 0.5\%$ ; Kinetic  $cv \leq 1\%$ ; two points  $cv \leq 1.5\%$
- Lower failure rate; easy maintenance
- Water cycle cooling
- Auto warm water washing
- Powerful software
- High accurate optical system
- 24 hours non-stop cooling system to ensure reagent at 2-8 °C
- Collision protection in both vertical and horizontal directions, stop & alarm automatically once touching barrier, not affect former tests
- Select best test point by reaction curve, create new factor automatically
- Support LIS interface



### Specifications

- **Assay methods:** End point, 2 end point, kinetic, Fix time etc.
- **Principle:** Photoelectric colorimetry
- **Light Source:** Halogen-Tungsten lamp with long life
- **Photometry range:** 0~4.0 Abs
- **Wavelength:** 9 long life wavelengths in 300nm to 700nm range with  $\pm 2$ nm precision
- **Throughput:** 200 tests/hour

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**ISO9001:2015 ISO13485:2016**



- **Probes:** 2 probes. Reagent dispense and Sample mixing
- **Reagent tray:** 40 reagent positions (include 1 detergent position, 1 dilution position) 10~400µl, with 1µl increment. Bar Code option for Reagents
- **Sample tray:** 40 sample positions, including standard, QC, STAT positions. 2~50µl, with 0.1µl increment. Bar Code option for Samples
- **Reaction tray:** 60 reusable reaction cuvettes
- **Minimum reaction volume:** 150 µl
- **Refrigeration:** On board cooling for Reagents, Samples, Calibrators, Standards, Controls with ON/OFF Switch
- **Control rules:** Westgard multi-rule, Cumulative sum check, Twin plot 3 level controls for each item, analyzing and printing QC analysis diagram
- **Clean unit:** 8-step auto-washing system
- **Water Consumption:** Less than 2L/hour under working status
- **Quality Control:** Quality Control program with Levy Jennings, Multiple lots, QC charts, etc.
- **Temperature control:** Incubator 37°C ± 0.1°C
- **Operating temperature:** 10~30 degrees .
  - Relative humidity: <85%
  - Atmospheric pressure: 86~106kPa
- **Barcode reader** (optional)
- **Veterinary Software** (optional)
- **Power supply:** AC 220V, 50Hz
- **Dimension:** 560 mm x 410 mm x 360 mm
- **Weight:** 30 Kgs



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