



Automatic Chemistry Analyzer

PKL PPC 700

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: 12 wavelengths (340nm、405nm、450nm、480nm、505nm、546nm、570nm、605nm、660nm、700nm、750nm、800nm) using grating
- Throughput: Constant 640 tests/hour, 1000 tests/hour with ISE
- Reagent tray: 160 reagent positions
- Sample tray: 99sample positions, including detergent position, standard positions, QC positions, STAT positions
- Reaction tray: 120 reaction positions
- Sample volume: 2~100ul, with 0.1ul increment
- Reagent volume: 5~1000ul, with 0.5ul increment
- Minimum reaction volume: 150ul
- Maximum reaction time: 10 minutes
- Water Consumption: less than 25L/hour under working status
- Clean unit: 8-steps auto-washing system
- Calibration: Calibration reset, select best test point by reaction curve, no need second calibration
- Control rules: Westgard multi-rule, Cumulative sum check, Twin plot
- Temperature control: incubator $37 \pm 0.1^{\circ}\text{C}$
- Power supply: AC 220($1 \pm 10\%$)V, 50Hz
- Ambient: Operating temperature: $10 \sim 35^{\circ}\text{C}$
- Relative humidity: $\leq 85\%$
- Atmospheric pressure: 86~106kPa



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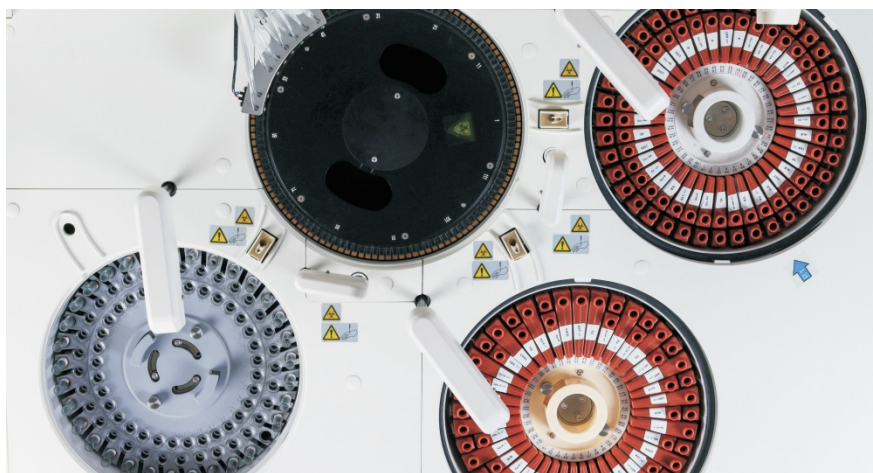


- 8-steps auto-washing system with detergent and 37°C water
- 24 hour non-stop water cycle cooling system to ensure reagent at 2-8°C
- Three-unattached durable ceramic syring
- Incubation system with solid
- Collision protection in both vertical and horizontal directions
- Stop & alarm automatically once touching barrier, not affect former tests
- Automatic eligible cuvettes detection & selection
- Select best test point by reaction curve, create new factor automatically

PKL PPC700 is a fully automated, high efficiency solution for chemistry clinic testing offering the ultimate in performance, convenience and confidence.

At optimal configuration, PKL PPC700 performs 640 tests/hour (1000 tests/hour with ISE), providing high quality testing for medium to big sized laboratories.

- High accurate, close, static state grating optical system, 12 wavelength
- Spot photometry with high speed digital transmission system
- High quality light source ensure 2000 hours lifespan
- Water cooling system, stand-by mode
- Double reagent tray, slope designed
- 160 reagent positions, supports 20ml, 40ml, 70ml bottles
- 24 hours non-stop cooling system
- User-friendly & Multifunctional Software
- Running status of reagent tray, sample tray and reaction tray
- Real time monitoring of reagent residual volume
- Real time monitoring of reaction curve
- Inner barcode reader
- Supports LIS system
- 120 semi-permanent cuvette
- Solid direct heating system
- Minimum reaction volume: 100µl
- 8 stage washing system
- Includes washing solution and pure water wash steps



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