PARAMEDICAL®

PKL®
POKLER ITALIA

Automatic Clinical Chemistry

PKL PPC 200U

Automatic Clinical Chemistry

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 (include1detergent position,1 dilution position)
- ·Sample tray: 71sample positions, 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: 150uL
- ·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, analyzing and printing QC analysis diagram

PARAMEDICAL srl **ISO9001:2015 ISO13485:2016**

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CE

- ·Relative humidity: ≤85%
- ·Atmospheric pressure: 86~106kPa
- ·Temperature control: incubator 37±0.1℃
- ·Power supply: AC 230(1±10%)V, 50/60Hz, 500VA
- ·Ambient: Operating temperature: 10~30℃

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

Accurate Sampling（Sample/Reagent） System

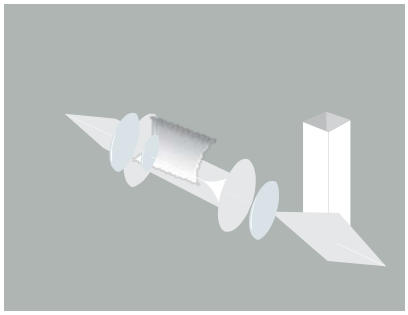
- ·Collision protection
- ·Liquid level detection
- ·Internal and external probe washing
- ·Probe depth adjustment automatically

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



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- ·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

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