

HbA1c Automatic HPLC

PKL PPC 810HPLC HbA1c Automatic HPLC

PKL PPC810HPLC **HPLC Automatic HbA1c Analyzer**

Global Leading HPLC Principle. HPLC is a recommended principle by WHO.

It is recognized as a "Gold Standard" as it has a high sensitivity and stable performance.

- Eliminate unstable HbA1c
- Eliminate variant Hb interferences
- HbA1c (NGSP&IFCC), HbF, eAG also can be tested at the same time



Performance Characteristics

- Whole blood mode (1.5ml)/diluted (10µl) - Automatic identify the sample type
- Automatic sample entry: on board capacity 50 samples, Non-stop
- Cap puncture function - Barcode reading - Auto-mixing function

Operation System & Software

- English operating software - Touch screen input - Data storage > 20000
- Pressure, temperature, test quantity display - Pressure, temperature alarm
- LIS data transmission

Cutting-edge Technology

- Adopting High Pressure plunger Pump (Micro-pump) to provide a hydrodynamic force, without the influence of any resistance from the rest of the entire chromatographic system ensure to provide a constant velocity.
- Using 24 AD high-precision detector allows to detect sample absorbance with a high-precision and high resolution.

PARAMEDICAL srl

ISO9001:2015 ISO13485:2016

Specifications

Principle	Ion exchange chromatography with HPLC principle
Throughput	Sample cycle ≤ 25 mins/T
Sample	Sample type: whole blood mode (1.5ml)/diluted mode (10 μ L)
	Automatic sample entry: on board capacity 50 samples, Non-stop
Testing	Wavelength: 415 nm
	Measuring range (NGSP value): HbA1c 4%-17%, $r \geq 0.99$
	Carried contaminating rate: $\leq 0.1\%$
	Precision: CV $\leq 2.0\%$
Operating Condition	Temperature: 15°C - 30°C
	Humidity: 10-80%
Power Requirement	Voltage: 220/240V
	Frequency: 50-60Hz
	Power: < 100 VA
Dimension	Length: width height= 610mm*500mm*410mm
	Net weight: 28kg

PARAMEDICAL srl

ISO9001:2015 ISO13485:2016