QUALITY LAB ANALYZERS

Fully Automatic Biochemistry Analyzer, BA-A-380

DESCRIPTION

300 Tests/Hour, Double Reagents

- Constant 300 test/hour with double reagent
- 70 reagent positions
- 70 sample positions, micro cup & test tube can be used
- 90 reaction cuvettes

Multifunctional precision sampling probe

- External & internal mirror polish, external & internal probe washing
- Dedicated sampling probe equipped with sensitive liquid sensor, timely feedback of reagent & sample residuals
- Collision protection, automatic probe depth adjusting

Excellent mixer design

- Teflon coating mixer. No water dropping(reducing carry-over)
- Excellent mixing effect with standard mixing procedure

Reagent tray & Sample tray;

- 70 reagent positions， 70 sample positions
- Non-stop cooling system with peltier pad inside, 24 hours 2℃-14℃
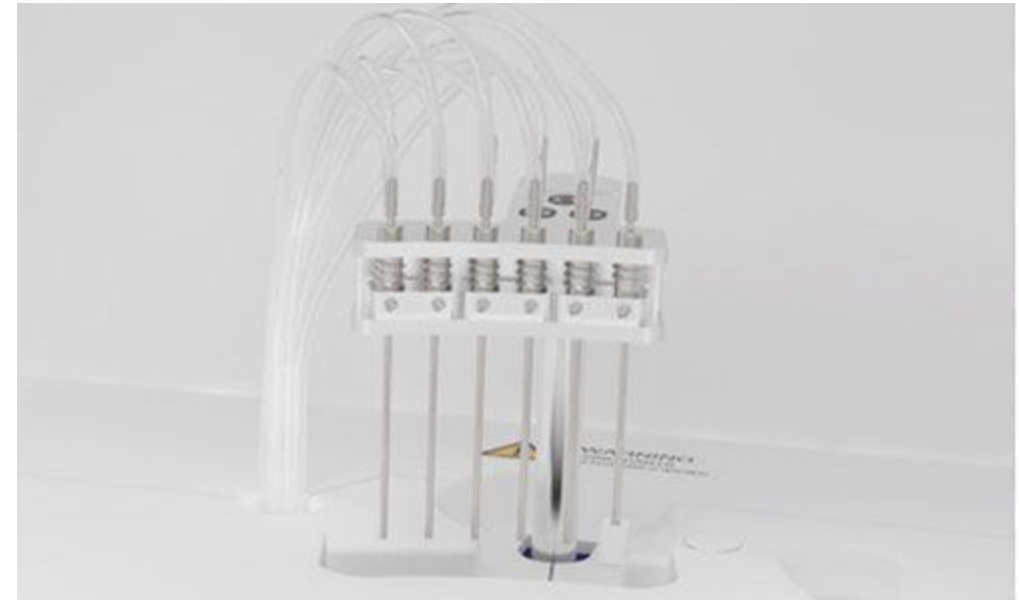- Bar code reader(optional)

Reaction tray

- 90 reaction cuvettes
- Reaction volume as low as 150μl
- Stable & accurate temperature (37±0.1℃) for reaction

Washing systerm

- 3*5 steps automatic washing
- Efficient cleaning to ensure accurate results and reliable diagnnosis

Advanced operating system

- User friendly software interface simple, easy-to-operation
- Sample automatic dilution(decrease, increase, normal)
- Reaction result automatic checking and warning, calibaration result automatic checking, warning alarm log
- Linear & nonlinear calibration, Multi-points calibration up to 8 points
- Quality control apply to westgard, L-T plot, cumulative

SPECIFICATIONS

General information	
Machine type	Random access, open reagent & locked reagent (optional)
Test speed	Constant 300 tests/hour (Mono reagent or double reagent)
Test principle	Colorimetric method, turbidimetry
Test method	1 point end, 2 point end, Fixed-Time, Kinetics
Calibration type	Linear & nonlinear
Sample unit	
Sample tray	70 sample positions
Sample tube	Micro cup & test tube & blood collection tube can be used. (φ12 -13)mm * (25 - 100)mm
Sample volume	2-30μL, step by 0.1μL
Sample probe	Liquid surface detection, timely tracking for liquid volume. Collision avoidance
Sample barcode	Sample barcode reader (optional)
Reagent unit	
Reagent tray	70 reagent positions, Non-stop cooling system with peltier pad inside, 24 hours 2°C-14°C, open system, could accept any reagent

Reagent volume	20-300μL, step by 1 μL
Reagent needle	Liquid surface detection, timely tracking for liquid volume.Collision avoidance.
Regent barcode	Regent barcode reader (optional)
Reaction unit	
Reaction tray	90 reaction cuvettes, new amorphous optical plastics reaction cups, perfect transmittance.