



Chem-S1

Semi - auto Chemistry Analyzer

- Light Source: 6V 10W, halogen lamp of more than 2000 hours' life time
- Spectrometer: Interference filter
- Wavelength: 340nm, 380nm, 405nm, 505nm, 546nm, 578nm, 620nm, and one free position
- CML Precision: $\pm 2\text{nm}$
- FWHM: $\leq 10\text{nm}$
- Stray Light: $\leq 0.5\%$ (absorbance ≥ 2.5)
- Absorbance Range: $-0.214 \sim 3.000$
- Absorbance Linearity: $\pm 1\%$
- Absorbance Repeatability: ± 0.001
- Absorbance Resolution: 0.0001
- Precision: $\leq 1.0\%$
- Carry Over: $\leq 1\%$
- Temperature: 25°C , 30°C , 37°C , $\pm 0.3^\circ\text{C}$
- Flow Cell: Permanent quartz flow cell, minimal volume is $32\ \mu\text{L}$, and disposable flow cell is selectable
- Sampling System: Pressure auto releasing pumps ensure the accuracy of suction volume
- Test Method: End point, Fixed time, Kinetic, Factor, Dual wavelengths, Multi-Standards, Bichromatic
- Parameter Setting: Patients' profile and calculated item can be set easily
- Absorption Volume: $200\ \mu\text{L} \sim 3000\ \mu\text{L}$
- Sample Volume: $10\ \mu\text{L} \sim 50\ \mu\text{L}$
- Reaction Curve: Real time display the reaction curve
- Memory: Able to store more than 200 parameters while 55 parameters of them are stabilized ;Able to save more than 15000 test results and auto save the results if the power is off during working
- QC: Auto draw the QC figure
- Reagent: Open reagent
- Display: LCD with high resolution
- Input: Key button and touch screen
- Printer: Inner thermal printer, able to be connected to external printer
- Report Content: Absorbance, concentration, activity, detailed patient information and abnormal results marking
- Interface: RS-232 serial port, able to be connected to computer
- Working Condition: Temperature: $10^\circ\text{C} \sim 30^\circ\text{C}$, Relative Humidity: $20\% \sim 80\%$
- Voltage: AC 85-264V, auto adaption according to the input voltage
- Power: $\leq 100\text{W}$
- Quality System: Recognized by TUV and CMD



Test item

Liver	ALT, ALP, GGT, TP, Alb, TBIL, DBIL
Heart	LDH, CK, CK-MB, AST, a-HBDH
Lipids	CHO, TG, HDL_C, LDL_C
Lipoprotein	Apo A1, Apo B, Lp (a)
Kidney	BUN, CRE, UA
Ion	Na, Mg, Ca, K, P, Cl
Other	CO ₂ -CP, AMS, LIP, GLU, IgA, IgG, IgM, C ₃ , C ₄ , CRP
Test items can be edited upto 250 with needs	

All is subject to the real object if there is some difference with the model, specification or price.

GENEX
Laboratories

Genex Laboratories

Tel : 07736768000

Website : www.almanara_iq.com

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المناصرة
مكتب المناصرة الزرقاء العلمي
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