

**Chem – S1**  
**Semi Automated**  
**Biochemistry analyzer**



**SPECIFICATIONS:**

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 wavelength free.  
CML precision:  $\pm 2$ nm  
FWHM: 10nm  
Stray light: 0.5%(absorbance 2.5)  
Absorbance range: -0.214~3.000  
Absorbance linearity:  $\pm 1\%$   
Absorbance repeatability:  $\pm 0.001$   
Absorbance resolution: 0.0001  
Precision: 1.0%  
Flow cell: permanent quartz flow cell, minimal volume is 32 $\mu$ 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, Multi-standards, Bichromatic, Dual wavelengths  
Absorption volume: 200 $\mu$ L~3000 $\mu$ L  
Sample volume: 10 $\mu$ L~50 $\mu$ L  
Reagent: Open reagent  
Display: LCD with high brightness

Test item	
Liver	ALT,ALP,GGT,TP,Aib,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	CO2-CP,AMS,LIP,GLU,IgA,IgG,IgM,C3,C4,CRP