



DS-161⁺

Fully Automatic Chemistry Analyzer

(Absolutely new concept & new technology fully automatic chemistry analyzer!)

**NEW
FUNCTIONS:**



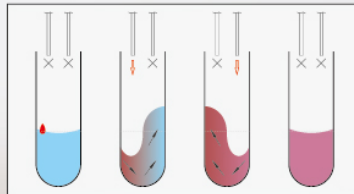
Just run it



- Arc-shaped cuvettes design (easy to wash and save reagents).



- Lower reagent consumption technology (minimum 50ul/test, on request. Patented).



- No touching mixing technology (patented), decreasing carry-over and washing water.



- Intelligent parameters auto-setting & optimization function (patented), makes operation easier and free parameter setting error.

Technical Specifications

Model	DS-161*					
Assay Model	Random access with direct reading system					
Method	End point, Kinetic, Fixed time, Immunoturbidimetric, 1-2 reagent, Multistandard, reagent/serum blank, etc.					
Assay Item	40 assay					
Throughput	160 tests/hour					
Test Menu	T.BILI	r-GT/GGT	CHO	Ca	APOB-1/B	CHE
	D.BILI	ALP/AKP	TG	Cl	APOB	CREA
	TP	UREA	CK	P	CK-MB	Mg
	ALB	CREA	LDH	Cys C	ASO	AFU
	Lactic Acid	ALT/GPT	UA	a-HBDH	CO ₂	FMN
	LP(a)	AST/GOT	GLU	AMY	LDL-C	HDL-C
	CHE	LA	TBA	ADA	HS-CRP	PA
	Fe	Cu	Zn	C3	C4	IgG
	IgM	IgA	and drug, toxicity, etc.			
Sample Position	30 Including standard, control and STAT; either serum cup or primary tube available					
Sample Volume	1~100ul, 0.1ul / step					
Reagent Position	40					
Reagent Volume	R1: 1~400ul, 1ul / step, R2: 1~400ul, 1ul / step 1~500ul in 0.1ul/step (Minimum 50ul/test design on request)					
Reagent / Sample Probe	With liquid level sensor, collision sensor, teflon coating and automatic washing station					
Reaction Time	0~999 seconds					
Cuvette	High quality uv-transmitted plastic cuvette. Quartz glass cuvettes available on request					
Cuvette Washing	8 channels					
Alarm	Automatic alarm for malfunction (eg: collision, reagent / sample insufficiency, full waste container, etc)					
Calibration	Linear, Non-linear, Multi point, K factor					
Sample Dilution/Retest	Sample can be diluted and retested if results are out of range or sample is insufficient. Also with calibrator auto diluting function					
Wavelength	340~810nm					
Light Source	Halogen lamp					
Absorbance Resolution	0.0001A					
Absorbance Accuracy	±0.0003A(0~2.5A)					
Repeatability(CV%)	≤2%					
Quality Control	Levy-Jennings quality control program at 3 levels					
Bar Code	Optional (external bar code reader)					
Printer	Multiple report formats available					
Language	English, French, Spanish, German, Russian, etc.					
System	Windows XP or Vista; Windows 7					
Power Supply	220V / 50Hz, or 110V / 60Hz (optional)					
Dimension	65cm×53cm×52cm					
Weight	40Kg					